



KNEUS SCHOLASTIC APTITUDE TEST

(KSAT - II)

Syllabus

and

Sample Questions

With a Model Question Paper

CLASS - IX

KNEUS SCHOLASTIC APTITUDE TEST

Students kindly go through the syllabus given and prepare accordingly.

The questions given in this booklet are sample questions. These questions need not appear in the test.

The answer key is given at the end

Both Part A and B are to be attempted compulsorily

SYLLABUS OUTLINE

PART - A Objective Type (General Studies)

- English
- Mathematics
- Science - Physics, Chemistry, Biology
- Social Studies
- General Knowledge

PART - B (Subjective Type)

- Essay Writing

PART A

ENGLISH

SYLLABUS

1. Interrogative sentences, question tags
2. Transformation of sentences
Active - Passive, Direct, Indirect
3. Comprehension
4. Synonyms & Antonyms
5. Word Power
One word for definitions
6. Prepositions
7. Determiners
8. Tenses
9. Spellings
10. Conjunctions

Choose the correct response for the following sentences.

1. Is her brother an architect ?
(a) Yes, he is
(b) Yes, he does
(c) Yes, he did
(d) No, he doesn't

2. He enjoys his work
 - (a) Neither did he
 - (b) So do you
 - (c) Yes, he did
 - (d) Yes it was
3. Was the film good ?
 - (a) No, it wasn't
 - (b) No, its isn't
 - (c) No, it doesn't
 - (d) No, it did not
4. She must obey the rules.
 - (a) So will you
 - (b) So are you
 - (c) So must you
 - (d) So have you
5. He is not a great orator.
 - (a) Neither would I
 - (b) Neither was I
 - (c) Neither am I
 - (d) Neither do I

Choose the correct question tag.

6. You have not signed the document.....?
 - (a) Isn't it
 - (b) Is it
 - (c) Have you
 - (d) Do you
7. We should enquire about it, ?
 - (a) Should we
 - (b) Shouldn't we
 - (c) Isn't it
 - (d) Is it
8. Mala has gone to the market, ?
 - (a) Isn't it
 - (b) Isn't she
 - (c) Hasn't she
 - (d) Has she
9. There is no shortage of grains, ?
 - (a) Is there
 - (b) Are there
 - (c) Was there
 - (d) Were there
10. You will come with me, ?
 - (a) Have you
 - (b) Won't you
 - (c) Did you
 - (d) Do you

Read the passage and answer the given questions :

Cricketer Yuvraj Singh, who underwent cancer treatment in the US for a rare germ cell cancer, returned to the country to a rousing reception from adoring fans. He was received by his mother, Shabnam at the Delhi airport. He came on a morning flight after spending some days in London to recuperate from the after effects of chemotherapy. Yuvraj walked through hordes of fans and media personnel patiently towards a car, which drove him to Gurgaon Home.

11. The antonym for 'rare' is :
 - (a) specific
 - (b) particular
 - (c) common
 - (d) random
12. What is meant by 'rousing' ?
 - (a) enormous
 - (b) far reaching
 - (c) exciting
 - (d) absorbing

13. Give a synonym for 'reception'.
- | | |
|-------------|--------------|
| (a) party | (b) wedding |
| (c) welcome | (d) function |
14. 'Recuperate's means....., ?
- | | |
|-----------------|-------------|
| (a) rest | (b) recover |
| (c) deteriorate | (d) rescue |
15. What is hordes ?
- | | |
|------------------|-----------------|
| (a) packs | (b) crowd |
| (c) small groups | (d) individuals |

Read the passage and answer the following questions.

The stranger was well dressed and wore a silk hat of glossy newness. He paused three times at the gate. The fourth time he stood with his hand upon it, and then with sudden resolution flung it open and walked up the path. Mrs. White at the same time placed her hands behind her, and unfastening the string of her apron, put that useful article of apparel beneath the cushion of her chair. He gazed at her furtively and listened in a pre-occupied fashion as the old lady apologized for the appearance of the room.

16. Give the synonym for **resolution**.
- | | |
|---------------|--------------|
| (a) thought | (b) decision |
| (c) statement | (d) action |
17. What is the meaning of **furtively**.
- | | |
|--------------|------------|
| (a) Secretly | (b) Slyly |
| (c) Angrily | (d) Openly |
18. Find the passage synonym for **stare**.
- | | |
|-------------|-----------|
| (a) strings | (b) gazed |
| (c) apron | (d) flung |
19. Give the antonym for **preoccupied**.
- | | |
|--------------|-------------|
| (a) Anxious | (b) distant |
| (c) carefree | (d) pensive |
20. The stranger paused at the **gate**.
- | | |
|----------------|-----------------|
| (a) two times | (b) three times |
| (c) four times | (d) five timers |

Change the sentences as directed. Select the correct answer.

21. He is too naughty to listen to advice (Remove too)
- | |
|--|
| (a) He is so naughty to listen to advice. |
| (b) He is so naughty, that he does not listen to advice. |
| (c) He is so naughty and he does not listen to advice. |
| (d) He will not listen to advice so naughty he is. |
22. She was so tired that she could not sleep. (use too)
- | |
|-------------------------------------|
| (a) She was too tired not to sleep. |
| (b) She was too sleepy and tired. |
| (c) She was tired and too sleepy. |
| (d) She was too tired to sleep. |

23. Can a leopard change his spots ? (Make assertive)
- (a) A leopard can change his spots.
 - (b) His spots a leopard can change.
 - (c) A leopard cannot change his spots.
 - (d) A leopard may change his spots.
24. Who does not know the value of loyalty ? (Make assertive)
- (a) No one knows the value of loyalty
 - (b) Few know that loyalty is valuable
 - (c) Everyone knows the value of loyalty
 - (d) The value of loyalty is known
25. Who does not wish to be happy ? (Make Assertive)
- (a) Not anyone wishes to be sad
 - (b) No one wishes not to be happy
 - (c) Everyone wishes to be happy
 - (d) Being happy is a wish of all

Change from active to passive voice. Select correct answer.

26. Keshav will like this shirt :
- (a) This shirt would be liked by Keshav
 - (b) Keshav would like this shirt
 - (c) This shirt will be liked by Keshav
 - (d) Keshav will have liked this shirt.
27. Kaustubh had eaten a snake in Thailand.
- (a) A snake had been eaten by Kaustubh in Thailand
 - (b) In Thailand Kaustubh ate a snake.
 - (c) A snake in Thailand was eaten by Kaustubh
 - (d) Kaustubh ate a snake in Thailand
28. Who lost my bag ?
- (a) Who had lost my bag ?
 - (b) By whom had my bag been lost ?
 - (c) By whom was my bag lost ?
 - (d) Who has lost my bag ?
29. She will sing us a song.
- (a) We will be hearing a song from her
 - (b) We will be sung a song by her
 - (c) A song she will sing for us
 - (d) A song will be sung to us by her
30. A cow was chasing Raju.
- (a) Raju was chased by a cow.
 - (b) Cow chased Raju.
 - (c) Raju was being chased by a cow.
 - (d) Raju chase cow.

Select the correct synonym for the word.

31. Desert
(a) ice-cream (b) relinquish
(c) gain (d) lost
32. Bizarre
(a) difficult (b) natural
(c) loss (d) strange
33. Offensive
(a) proper (b) pleasing
(c) annoying (d) polite
34. Zenith
(a) width (b) climax
(c) health (d) peak
35. Vivacious
(a) cheerful (b) lovel
(c) powerful (d) imaginative

Select the correct antonym for the word.

36. Enormous
(a) little (b) beautiful
(c) soft (d) wonderful
37. Relinquish
(a) abdicate (b) deny
(c) renounce (d) possess
38. Expand
(a) convert (b) condense
(c) conclude (d) concave
39. Busy
(a) relaxed (b) industrious
(c) occupied (d) scheduled
40. Aware
(a) knowledge (b) ignorant
(c) sure (d) certain

Select the correct one word for the group of words :

41. Person employed at a dock to load or unload ships.
(a) Stevedore (b) Shipper
(c) Loader (d) Coolie
42. Study of handwriting :
(a) graphology (b) calligraphy
(c) Paliography (d) neology
43. A document written by hand.
(a) document (b) script
(c) manuscript (d) parchment

44. Incapable of being overcome :
 (a) Insurmountable (b) Invisible
 (c) Inexplorable (d) Inability
45. Not likely to be pleased easily.
 (a) funky (b) fastidious
 (c) fussy (d) impossible

Select the correct words from the given words which are often confused with other words.

46. The beautiful girl also has.....hair.
 (a) luxurious (b) luxuriant
 (c) luscious (d) luxury
47. Dr. Patel is an.....surgeon.
 (a) imminent (b) imminent
 (c) inimitable (d) eminent
48. The flowers.....in hot summer.
 (a) wither (b) weather
 (c) whether (d) whither
49. They are his.....parents.
 (a) adoptive (b) adopted
 (c) adapted (d) adepted
50. The man was playwright who wrote in.....
 (a) worse (b) worst
 (c) woress (d) verse

Choose the correct preposition from the given options.

51. They live.....their grandparents.
 (a) by (b) behind
 (c) with (d) together
52. Priya fell asleep.Maths class.
 (a) through (b) during
 (c) on (d) since
53. A thick fog hung.....the city.
 (a) about (b) within
 (c) over (d) on
54. Smoking is a habit.....many people.
 (a) among (b) between
 (c) with (d) about
55. He spoke.....great confidence at the meeting.
 (a) with (b) by
 (c) at (d) in

Select the most appropriate determiners.

56. Is there.....ice cream left in the bowl ?
 (a) few (b) some
 (c) any (d) many

57. We did not haverain this monsoon.
 (a) much (b) some
 (c) little (d) more
58.men know the tricks of the trade.
 (a) much (b) any
 (c) few (d) one
59. He has.....knowledge of the language.
 (a) lot (b) many
 (c) little (d) few
60. I need.....money.
 (a) many (b) several
 (c) any (d) some

Fill in the blanks with suitable verb with agreement to subject.

61. One of the clinics.....located close to his house.
 (a) is (b) are
 (c) were (d) have been
62. The results.....a lot of improvement.
 (a) has shown (b) show
 (c) shows (d) shown
63. The news.....been broadcast by all channels.
 (a) was (b) is
 (c) has (d) have
64. The collection of the samples.....done in the morning.
 (a) has (b) was
 (c) were (d) are
65. Three of them.....suffered serious injuries.
 (a) have (b) has
 (c) is (d) are

Select the correct conjunctions which can be used to join these sentences.

66. Rice needs plenty of water. Wheat does not need as much.
 (a) whereas (b) and
 (c) nevertheless (d) for
67. Raju came here. He could see his friends again.
 (a) however (b) while
 (c) so that (d) if
68. She goes. She is loved and respected.
 (a) however (b) wherever
 (c) as (d) who
69. I can come to the party. I am not busy.
 (a) or (b) if
 (c) because (d) whereas
70. The boy is coming. He is my friend.

- | | |
|----------|-----------|
| (a) that | (b) what |
| (c) who | (d) which |

Select the word with the correct spelling.

- | | |
|--------------------|----------------|
| 71. (a) recessive | (b) recessive |
| (c) reccessive | (d) recesseve |
| 72. (a) binevolent | (b) benavolent |
| (c) benivolent | (d) benevolent |
| 73. (a) vishious | (b) vicious |
| (c) vichious | (d) visious |
| 74. (a) miscriente | (b) notation |
| (c) corragation | (d) cumpressed |
| 75. (a) femous | (b) politisian |
| (c) strategic | (d) rideculous |

Fill in the blanks with correct form of the verb.

- | | |
|--|---------------------------|
| 76. I have finished.....my luggage. | |
| (a) packs | (b) packaging |
| (c) packing | (d) packed |
| 77. We.....in the garden since morning. | |
| (a) worked | (b) were working |
| (c) works | (d) will work |
| 78. The soldier was.....dead. | |
| (a) shot | (b) shoot |
| (c) shooted | (d) shott |
| 79. The boy.....home before you came. | |
| (a) had gone | (b) go |
| (c) was going | (d) had went |
| 80. When I reached the station, the train..... | |
| (a) has started | (b) will start |
| (c) had started | (d) will start |

Select the correct form of the verb. Past Tense or Past Perfect to complete the sentence.

- | | |
|---|------------------|
| 81. The film.....before we took our seats. | |
| (a) began | (b) have begun |
| (c) will begin | (d) had begun |
| 82. He.....of cancer last month. | |
| (a) died | (b) had died |
| (c) had died | (d) dead |
| 83. I.....of going for the meeting but changed my mind. | |
| (a) had thought | (b) thought |
| (c) am thinking | (d) have thought |
| 84. Rakesh.....my mother last Sunday. | |
| (a) have met | (b) met |
| (c) has met | (d) will meet |
| 85. Imy dinner before he arrived. | |
| (a) have eaten | (b) had eaten |
| (c) ate | (d) eaten |

MATHEMATICS

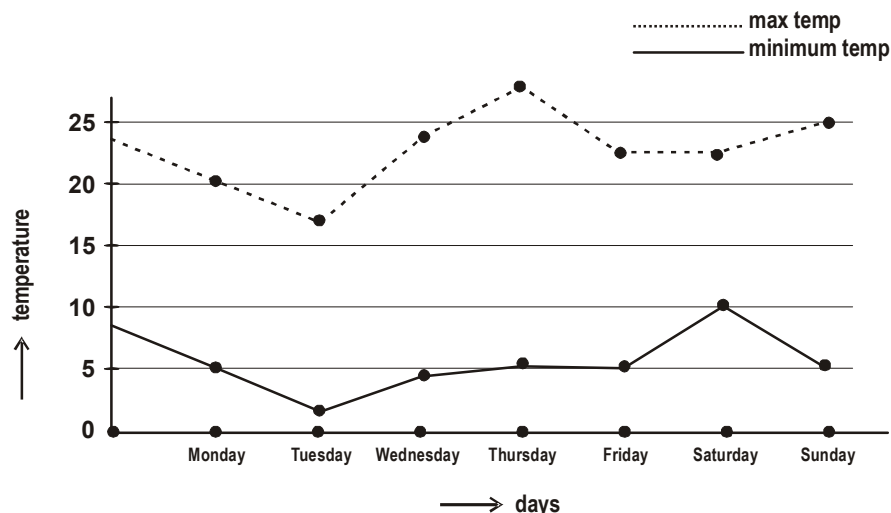
SYLLABUS

1. Set theory
2. Number system
3. Comparison of quantities
4. Commercial mathematics
5. Algebra including $(a \pm b)^2$, $a^2 - b^2$, $a^3 \pm b^3$ and $(a + b + c)^2$
6. Exponents and powers
7. Factorization
8. System of linear and quadratic equations/inequations (basic concept only)
9. Coordinate geometry
10. Basic concept of geometry which includes circle, triangle and quadrilaterals
11. Mensuration (plane & solid figures)
12. Statistics
13. General aptitude

1. Which number from the following can divide 3453426 :
(a) 2 (b) 3
(c) 9 (d) All of these
2. $\left(1 - \frac{1}{2}\right)\left(1 - \frac{1}{4}\right) \dots \dots \left(1 - \frac{1}{n}\right)$ has value equal to :
(a) $\frac{1}{n}$ (b) $\frac{2}{n}$
(c) $\frac{2(n-1)}{n}$ (d) $\frac{2}{n(n+1)}$
3. In a two digit number unit place is twice its ten's place. If the sum of both digits is 12. Then number will be :
(a) 57 (b) 75
(c) 48 (d) 35
4. Which of these is a wrong statement :
(a) π is an irrational number (b) $\frac{22}{7}$ is rational
(c) -1 is greatest -ve integer (d) Smallest prime number is 3
5. The value of $\frac{(598 + 178)^2 - (598 - 178)^2}{598 \times 178}$ is :
(a) $\frac{1}{2}$ (b) 4
(c) 402 (d) $\frac{209}{399}$

6. If $\frac{2}{5}$ of $\frac{3}{4}$ of a number is 174, then number be :
 (a) 520 (b) 580
 (c) 480 (d) 348
7. If $2 = x + \frac{1}{1 + \frac{1}{3 + \frac{1}{4}}}$, then prove value of x will be :
 (a) $\frac{16}{17}$ (b) $\frac{21}{17}$
 (c) $\frac{13}{17}$ (d) $\frac{12}{17}$
8. The L.C.M. of 2^{-7} , 2^{-4} and 2^{-9} is :
 (a) 2^{-8} (b) 2^{-7}
 (c) 2^{-9} (d) None of these
9. Find the greatest three digit number, if it is divided by 4, 6 and 8 leaves remainder 3 in all the cases :
 (a) 998 (b) 997
 (c) 987 (d) 992
10. If 0.5 of $x = 0.07$ of y , then $x : y$ is :
 (a) $1 : 14$ (b) $7 : 25$
 (c) $7 : 5$ (d) $7 : 50$
11. If $\frac{a}{2} = \frac{b}{3} = \frac{c}{5}$, then find value of $\left(\frac{a+b+c}{c}\right)$
 (a) $\frac{1}{2}$ (b) 7
 (c) 2 (d) $\frac{1}{3}$
12. If 20% of $a = 40\%$ of $\frac{3}{4}$ of b then $a : b$ is
 (a) $3 : 4$ (b) $1 : 2$
 (c) $2 : 3$ (d) $3 : 2$
13. 60% of $350 = x \times 15$ then value of x is :
 (a) 12 (b) 14
 (c) 15 (d) 16
14. What percent of 2 quintal is 2.5 kg :
 (a) 0.8% (b) 800%
 (c) 8000% (d) None of these
15. If $7 : 8 = x\%$, then value of x is :
 (a) 85 (b) $85\frac{1}{2}$
 (c) $87\frac{1}{2}$ (d) $86\frac{1}{2}$

16. If a number is increased by 10% then it is decreased by 10%, then finally the number :
 (a) will not change (b) Decreased by 1%
 (c) Increased by 1% (d) Increased 0.1%
17. On selling the object at Rs. 45, Ram bears a loss of 10%. What should be the sale price of the article to gain 20%.
 (a) 52 (b) 56
 (c) 60 (d) 72
18. In how much time a sum would be double of itself at the rate of 12% p.a. simple interest.
 (a) 6 years 9 months (b) 7 years 6 months
 (c) 8 years 3 months (d) 8 years 4 months
19. If simple interest of 4 years is $\frac{1}{5}$ of principal, the rate will be :
 (a) 4% (b) 5%
 (c) 6% (d) 8%
20. An amount is divided between A, B and C. If A get 3 times of B and B get 4 times of C. Then ratio of share of A B and C is :
 (a) 1 : 2 : 4 (b) 1 : 4 : 1
 (c) 12 : 4 : 1 (d) 2 : 4 : 1
21. The average of first 8 prime number be :
 (a) 4.5 (b) 9.625
 (c) 7.8 (d) 6.8
22. The average of two numbers is M and if one of them is N then other number will be :
 (a) 2N (b) 2M
 (c) M – N (d) 2M–N
23. If average of four consecutive even numbers is 27, then greatest number from these will be :
 (a) 36 (b) 32
 (c) 30 (d) 28
24. The average marks of 10 students are 60. If marks of one student are excluded the new average becomes 55, the marks of that student would be :
 (a) 55 (b) 60
 (c) 105 (d) 115
- Read the graph to give answer the questions nos. 25 to 29



25. On which day the minimum and maximum temperature falls equally.
- (a) Thursday (b) Friday
(c) Monday (d) Sunday
26. On which day the maximum temperature was lowest :
- (a) Monday (b) Tuesday
(c) Saturday (d) Friday
27. On which day the minimum temperature was highest ?
- (a) Friday (b) Monday
(c) Saturday (d) Tuesday
28. On which day the maximum temperature was not changed :
- (a) Monday (b) Tuesday
(c) Friday (d) Sunday
29. On which day the difference in temperature was minimum.
- (a) Saturday (b) Thursday
(c) Friday (d) Wednesday
30. If all sides of a equilateral triangle are 6 cm each, then what is the height :
- (a) 3 cm (b) $\sqrt{3}$ cm
(c) $\sqrt{\frac{3}{2}}$ cm (d) $3\sqrt{3}$ cm
31. If area of triangle is 2250 cm^2 , its base and corresponding height are in 4 : 5, its height be ;
- (a) 75 cm (b) 52 cm
(c) 54 cm (d) 56 cm
32. The diameter of a wheel is 1.26 cm. The distance covered in 500 revolution by this wheel be :
- (a) 2530 cm (b) 1980 cm
(c) 1492 cm (d) 2880 cm
33. If radius of a circle is reduced by 30%, its area will reduced by :
- (a) 30% (b) 60%
(c) 45% (d) None of these
34. The perimeter of a rhombus is 40m, its height is 5m, then its area will be :
- (a) 60 m^2 (b) 50 m^2
(c) 45 m^2 (d) 55 m^2
35. A thick wire is malted and then thin wire is formed with radius of one third of original wire, the ratio between their length be :
- (a) 1 : 2 (b) $2 : \sqrt{2}$
(c) 9 : 1 (d) 1 : 9
36. If ratio between height and diameter of two cones are 25 : 64 and 4 : 5 respectively. The ratio between their volume be :
- (a) 1 : 4 (b) 1 : 3
(c) 8 : 1 (d) $3 : \sqrt{5}$

37. The volume of right circular cylinder is 120 cm^3 . then volume a cone of same radius and height be :
- (a) 12 cm^3 (b) 240 cm^3
 (c) 60 cm^3 (d) 40 cm^3
38. A wire of diameter 0.15 cm is formed by melting a sphere of 9 cm radius. The length of wire be :
- (a) 1728 m (b) 243 m
 (c) 150 m (d) 132.5 m
39. If $A = \{2, 4, 5\}$, $B = \{2, 3, 4\}$ then $A \cup B$ is :
- (a) $\{2, 3, 4, 4, 5\}$ (b) $\{2, 3, 4, 5\}$
 (c) $\{2, 3, 4\}$ (d) $\{3, 4, 5\}$
40. If product of two number is 8064 and their H.C.F. is 12, then their LCM is :
- (a) 1444 (b) 672
 (c) 1344 (d) None of these
41. Value of $4\frac{1}{5} \div 3\frac{1}{2} - \frac{2}{3} \times 2\frac{1}{6} + \frac{8}{25}$ of $\frac{15}{24}$ is :
- (a) $\frac{45}{2}$ (b) $\frac{13}{9}$
 (c) 0 (d) $-\frac{2}{45}$
42. Which of these is not a perfect square :
- (a) 7225 (b) 256
 (c) 144 (d) - 256
43. The value of $\sqrt{900} + \sqrt{0.09} + \sqrt{0.000009}$ is :
- (a) 30.303 (b) 303.03
 (c) 3.003 (d) 3.0303
44. The cube root of 125000 is :
- (a) 150 (b) 175
 (c) 50 (d) 75
45. If $A : B = 6 : 7$ and $B : C = 9 : 11$. Then $A : B : C$ is :
- (a) $6 : 7 : 9$ (b) $7 : 9 : 11$
 (c) $54 : 63 : 77$ (d) $53 : 78 : 96$
46. If $3A = 4B = 9C$, then $A : B : C$ is :
- (a) $3 : 4 : 9$ (b) $3 : 4 : 81$
 (c) $1 : 2 : 3$ (d) $12 : 9 : 4$
47. Two numbers are in ratio $2 : 3$, when 4 is added to both terms, the ratio becomes $3 : 4$, then the numbers are :
- (a) 8 and 12 (b) 12 and 16
 (c) 8 and 16 (d) 16 and 24
48. If 8, x and 72 are in continued proportion, the value of x is :
- (a) 12 (b) 22
 (c) 24 (d) 36
49. If 80% of all students fail is exam and 80 students is passed it then total students were :
- (a) 320 (b) 400
 (c) 800 (d) None of these

50. Toffees are bought at rate of 7 for a rupee and sold at rate of 5 for a rupee, then gain percent is :
- (a) 30% (b) 40%
(c) $33\frac{1}{3}\%$ (d) 25%
51. Find the rate of discount when M.P. = Rs. 600 and S.P.= Rs. 510 :
- (a) 20% (b) 10%
(c) 15% (d) 25%
52. An outlet can empty $\frac{5}{6}$ of cistern in 20 minutes. In 9 minutes what part of cistern will emptied ?
- (a) $\frac{6}{5}$ part (b) $\frac{3}{8}$ part
(c) $\frac{5}{9}$ part (d) None of these
53. A 175 m long train crosses a 185 m long tunnel in 45 sec. speed of train in km/hour is :
- (a) 30 km/hour (b) 28.8 km/hour
(c) 25 km/hour (d) 20 km/hour
54. The speed of boat in still water is 6 km/hour. If goes down stream for 31 km in 4 hours. What is speed of stream.
- (a) 2 km/hour (b) 2.5 km/hour
(c) 1.75 km/hour (d) Data is not sufficient
55. Factors of $x^3 + x^2 + x + 1$ are :
- (a) $(x^2 + 1)(x^3 + x)$ (b) $(x + 1)(x^2 + x)$
(c) $(x^3 + 1)(x + 1)$ (d) $(x + 1)(x^2 + 1)$
56. Factors of $12y^3 - 14y^2 - 10y$ are :
- (a) $(3y + 5)(2y + 1) \cdot y$ (b) $2y(3y + 5)(2y - 1)$
(c) $2y(3y - 5)(2y + 1)$ (d) None of these
57. The lowest form of $\frac{4 - x}{x^2 - x - 12}$ is :
- (a) $\frac{1}{x + 3}$ (b) $-\frac{1}{x + 3}$
(c) $\frac{4 - x}{x - 3}$ (d) $\frac{x - 4}{x - 12}$
58. The value of $24x + 14x^2 \div 7x - \frac{1}{3}$ of $36x$ is :
- (a) $14x$ (b) $7x + 2$
(c) $14x^2 - 1$ (d) None of these
59. The value of $4[a - 6\{a - 2(3a - \overline{4a + 3})\}]$ is :
- (a) $4a^2 - 6$ (b) $-68a - 144$
(c) $4a + 6$ (d) None of these
60. When $x^3 - 4x^2 + 7x - 2$ is divided by $(x - 2)$ the remainder is :
- (a) 0 (b) 2
(c) 4 (d) 7

61. Calculate r if $\frac{2}{3} = \frac{qr}{q+r}$ and $q = 1\frac{1}{3}$
- (a) $\frac{4}{3}$ (b) $\frac{3}{4}$
(c) $\frac{5}{6}$ (d) $\frac{7}{8}$
62. $\frac{3^{2n+4} - 5 \cdot 3^{2(n+1)}}{(9)^{n-1}}$ is equal to :
- (a) 423 (b) 324
(c) 384 (d) 424
63. Value of x in $\frac{(x+2)(2x-3) - 2x^2 + 6}{x-5} = 2$ is equal to :
- (a) 2 (b) 7
(c) 10 (d) -10
64. The ages of Ravi and Madhuri are in the ratio of 5 : 7. After four years, their age will be in the ratio of 3 : 4. The age of Madhuri is :
- (a) 20 Years (b) 25 Years
(c) 28 Years (d) 30 Years
65. The value of x and y in system $2x - y = 4$, $x + 2y = -3$ is :
- (a) $x = 2$, $y = 3$ (b) $x = 1$, $y = -2$
(c) $x = -1$, $y = -2$ (d) $x = -1$, $y = 2$
66. Two numbers differ by 6, three times the larger number is 2 more than five times the smaller number, find the numbers :
- (a) 14 and 20 (b) 20 and 26
(c) 14 and 8 (d) 6 and 12
67. Solution of $5x^2 = 15x$ is :
- (a) 3 and 1 (b) 3 and 0
(c) Only 3 (d) None of these
68. Solution of equation $x^2 + 5x + 6 = 0$ is :
- (a) 6 and -1 (b) 3 and 2
(c) -2, -3 (d) 0 and 6
69. In $x+1 < 5$ and $x \in \mathbb{N}$, solution set is :
- (a) {0, 1, 2, 3, 4} (b) {1, 2, 3, 4}
(c) {0, 1, 2, 3} (d) {1, 2, 3}
70. Solution of $x+3 > 5$ when $x \in$ [all natural numbers less than 10] :
- (a) {1, 2, 3, 4,13} (b) {0, 1, 2, 3,12}
(c) {2, 3,10} (d) {3, 4, 5,9}
71. The supplement of $2x - 30^\circ$ is :
- (a) $150^\circ + 2x$ (b) $210^\circ - 2x$
(c) $210^\circ + 2x$ (d) $150^\circ - 2x$

72. In $\triangle ABC$ $\angle A : \angle B : \angle C = 2 : 5 : 8$, then value of angles :
- (a) 24, 60, 96 (b) 20, 70, 90
(c) 15, 45, 120 (d) None of these
73. In $\triangle ABC$ $\angle A : \angle B : \angle C = 2 : 3 : 5$, then smallest side is :
- (a) AB (b) BC
(c) CA (d) None of these
74. The adjacent angles of a parallelogram are in the ratio of 2 : 3 then the angles are :
- (a) 72 and 108 (b) 60 and 90
(c) 90 and 135 (d) None of these
75. A diagonal of a rhombus is congruent to one of its sides. Find the angles of the rhombus.
- (a) 60, 90, 15, 15 (b) 60, 90, 105, 105
(c) 60, 120, 60, 120 (d) None of these
76. The sides of a hexagon are produced in a order. If the measures of each exterior angle so obtained are $(3x + 15^\circ)$, $(2x + 5^\circ)$, x , $(7x - 5^\circ)$, $(8x - 10^\circ)$, $(6x - 20^\circ)$ and $3x$, then find the value of x :
- (a) 52.5 (b) 12.5
(c) 30 (d) 37.5
77. Number of lines of symmetry is in regular hexagon are :
- (a) 6 (b) 8
(c) 3 (d) ∞
78. The coordinates of point $(0, -3)$ when reflected in the origin are :
- (a) $(-1, 3)$ (b) $(0, 3)$
(c) $(3, 0)$ (d) $(-3, 0)$
79. Find the area of equilateral triangle whose one side is 7 cm :
- (a) 28 (b) 25
(c) 15 (d) 21.22
80. Diameter of a semi circular protractor is 7 cm. Find its perimeter :
- (a) 18 (b) 20
(c) 7 (d) 22
81. If $\sin (A + B) = \cos (A - B) = \frac{\sqrt{3}}{2}$ then value of 'B' is :
- (a) 45° (b) 30°
(c) 15° (d) 60°
82. The two lines $x = 5$ and $2x + 3 = 0$ are :
- (a) Intersecting lines (b) Parallel lines
(c) Perpendicular lines (d) None of these
83. The slop of line $2x - 3y + 5 = 0$ is :
- (a) 5 (b) $\frac{5}{3}$
(c) $\frac{2}{3}$ (d) $\frac{3}{5}$

84. The point on which line $2x + 5y = 7$, intersect y axis is :
- (a) $\frac{7}{5}$ (b) $\frac{5}{7}$
- (c) $-\frac{7}{5}$ (d) $\frac{2}{5}$
85. Equation of line whose slop is -3 and y intercept is 5 , be :
- (a) $3x + y = 5$ (b) $3x - y = 5$
- (c) $3x + y + 5 = 0$ (d) $x + y = \frac{5}{2}$

ANSWER - KEY

1.	d	2.	a	3.	c	4.	d	5.	b	6.	b	7.	b
8.	d	9.	c	10.	d	11.	c	12.	d	13.	b	14.	d
15.	c	16.	b	17.	c	18.	d	19.	b	20.	c	21.	b
22.	d	23.	c	24.	c	25.	c	26.	b	27.	c	28.	c
29.	a	30.	d	31.	a	32.	b	33.	d	34.	b	35.	d
36.	a	37.	d	38.	a	39.	b	40.	b	41.	d	42.	d
43.	a	44.	c	45.	c	46.	d	47.	a	48.	c	49.	b
50.	b	51.	c	52.	b	53.	b	54.	c	55.	d	56.	c
57.	b	58.	a	59.	b	60.	c	61.	a	62.	b	63.	c
64.	c	65.	b	66.	c	67.	b	68.	c	69.	d	70.	d
71.	b	72.	a	73.	b	74.	a	75.	c	76.	b	77.	a
78.	b	79.	d	80.	a	81.	c	82.	a	83.	c	84.	a
85.	a												

PHYSICS

SYLLABUS

- Universe
 - Refraction of light including eyes
 - Heat and kinetic energy
 - Pressure and fluids
 - Static and current electricity
 - Magnetism
-
- Which of the following planets have maximum mass :

(a) Mars	(b) Jupiter
(c) Mercury	(d) Earth
 - The man made satellite sputnik was launched by :

(a) Russia	(b) U.S.A.
(c) India	(d) China

3. Which of these is known as morning star and evening star.

(a) Moon	(b) Sun
(c) Venus	(d) Mars
4. Which of the following has least density :

(a) Saturn	(b) Venus
(c) Earth	(d) Moon
5. India has launched its first artificial satellite in :

(a) 1950	(b) 1975
(c) 1970	(d) 1981
6. The unit of refractive index is :

(a) msc-1	(b) kg
(c) sec	(d) No unit
7. An object is kept between F and 2F in front of convex lens then image will be formed :

(a) at F'	(b) at 2 F'
(c) beyond 2 F'	(d) between F and 2F
8. As a magnifying glass which type of glass is used :

(a) Convex lens	(b) Concave lens
(c) Plane glass	(d) None of these
9. In a telescope which lens is used as objective lens :

(a) Convex lens of large focal length	(b) Convex lens of small focal length
(c) Concave lens of small focal length	(d) Concave lens of large focal length
10. The image formed by our eye lens

(a) real and erect	(b) real and inverted
(c) real and tilted	(d) virtual and erect
11. One calorie is equivalent to :

(a) 42 J	(b) 4.2 J
(c) 4200 J	(d) None of these
12. Specific heat capacity of water is :

(a) 1 cal/g°C	(b) 10 cal/g°C
(c) 0.1 cal/g°C	(d) None of these
13. S.I. unit of Latent heat is :

(a) Joule	(b) Kg
(c) J/kg	(d) None of these
14. In which matter intermolecular force is minimum, in normal state :

(a) Solid	(b) Liquid
(c) Gas	(d) None of these
15. Pascal's law is related with :

(a) Mass	(b) Pressure
(c) Temperature	(d) Volume

16. Normal value of atmospheric pressure at sea level and at 0°C is :
 - (a) 106 Pa
 - (b) 410 Pa
 - (c) 2.13×10^4 Pa
 - (d) 1.013×10^5 Pa
17. The meniscus formed in mercury is :
 - (a) Concave
 - (b) Convex
 - (c) Plane
 - (d) None of these
18. LPG is an example of :
 - (a) Fossil fuel
 - (b) Solar energy
 - (c) Electric energy
 - (d) None of these
19. By burning of petrol and coal the gas produced is :
 - (a) Carbon monoxide
 - (b) Sulphur dioxide
 - (c) Nitrogen dioxide
 - (d) None of these
20. Which of these is the fuel in a nuclear power plant :
 - (a) LPG
 - (b) Coal
 - (c) U-235
 - (d) Biomass
21. If two positively charged particles are brought nearer then they :
 - (a) Attract each other
 - (b) Repel each other
 - (c) No effect
 - (d) None of these
22. S.I. Unit of electric charge is :
 - (a) Volt
 - (b) Ampere
 - (c) Coulomb
 - (d) Kg
23. The lightning conductor is used to :
 - (a) Produce current
 - (b) Stop light
 - (c) Produce light
 - (d) Protect the tall building
24. The object which has deficiency of electron will have :
 - (a) no charge
 - (b) positive charge
 - (c) negative charge
 - (d) Both type of charge
25. The number of pole in a magnet are :
 - (a) Four
 - (b) One
 - (c) Infinite
 - (d) Two
26. The angle formed by axis of imaginary magnet with geographical axis of Earth is :
 - (a) 90°
 - (b) 25 °
 - (c) 17 °
 - (d) 120 °
27. Magnetic compass is used to find :
 - (a) Pressure
 - (b) Direction
 - (c) Electric current
 - (d) Temperature
28. Magnetic lines of force around a current carrying straight conductor are :
 - (a) Circular
 - (b) Parabolic
 - (c) Elliptical
 - (d) Rectangular

29. Who discovered magnetic effect of electric current :
(a) H. Oersted (b) Newton
(c) Darwin (d) Joule
30. Transformer is a device which is used to :
(a) Generate electricity (b) Step up or down line voltage
(c) Generate magnet (d) None of these
-

ANSWER - KEY

- | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | a | 3. | c | 4. | a | 5. | b | 6. | d | 7. | c |
| 8. | a | 9. | a | 10. | b | 11. | b | 12. | a | 13. | c | 14. | c |
| 15. | b | 16. | d | 17. | b | 18. | a | 19. | b | 20. | c | 21. | b |
| 22. | c | 23. | d | 24. | b | 25. | d | 26. | c | 27. | b | 28. | a |
| 29. | a | 30. | b | | | | | | | | | | |
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CHEMISTRY

SYLLABUS

1. Synthetic Materials
2. Metals and Non Metals
3. Coal and Petroleum
4. Combustion and Flame

1. The first synthetic fibre to be made entirely of chemicals is :
(a) Acrylic (b) Rayon
(c) Polyester (d) Nylon
2. Which among the following is a thermosetting plastic :
(a) Bakelite (b) Teflon
(c) PVC (d) Polyethene
3. Materials with long chain molecules containing thousands of smaller molecules are called :
(a) Monomers (b) Plastics
(c) Polymers (d) Isomers
4. Plastics are :
(a) Bad conductors of electricity (b) Good conductors of heat
(c) Soluble in water (d) Not Inflammable
5. Which among the following is a thermoplastic :
(a) Bakelite (b) Formica
(c) Perspex (d) Melamine
6. Which of these fibres is made from a raw material obtained from plants ?
(a) Rayon (b) Nylon
(c) Terylene (d) Polyester

7. A metal with specific gravity less than 1.
 - (a) Copper
 - (b) Lead
 - (c) Mercury
 - (d) Potassium
8. The metal which burns in oxygen with dazzling light :
 - (a) Manganese
 - (b) Magnesium
 - (c) Zinc
 - (d) Calcium
9. Which among the following metals cannot displace hydrogen from a dilute acid ?
 - (a) Iron
 - (b) Zinc
 - (c) Silver
 - (d) Calcium
10. Pieces of copper, silver and gold are dropped into a solution of Iron Sulphate. The piece that will get a coating of copper is :
 - (a) Iron
 - (b) Silver
 - (c) Gold
 - (d) Platinum
11. German silver is an alloy of :
 - (a) Copper, Zinc, Chromium
 - (b) Copper, Zinc, Nickel
 - (c) Copper, Iron, Nickel
 - (d) Calcium, Iron, Nickel
12. Metal 'A' dipped in a salt of metal 'B' displaces it from the solution this shows that :
 - (a) A is more reactive than B
 - (b) B is more reactive than A
 - (c) Both A and B are equally reactive
 - (d) Both A and B are non-reactive
13. Alloy used for making bodies of aeroplanes and vehicles :
 - (a) Magnalium
 - (b) Stainless Steel
 - (c) Brass
 - (d) Bronze
14. Metals react with oxygen to form :
 - (a) Acidic Oxides
 - (b) Basic Oxides
 - (c) Either acidic or basic oxides
 - (d) No reaction
15. Which among the following is regarded as the best variety of coal :
 - (a) Lignite
 - (b) Amber
 - (c) Peat
 - (d) Anthracite
16. Which of these is obtained by destructive distillation of coal ?
 - (a) LPG
 - (b) Coal Gas
 - (c) CNG
 - (d) Methane
17. It is an important fraction of petroleum. It is further distilled to get lubricating oil and paraffin wax.
 - (a) Petroleum Gas
 - (b) Heavy Oil
 - (c) Anthracite
 - (d) Residue
18. Which of these is not a fossil fuel ?
 - (a) CNG
 - (b) LPG
 - (c) Petrol
 - (d) Hydrogen
19. Which of these is not a natural source of energy ?
 - (a) Coal
 - (b) Petroleum
 - (c) Electricity
 - (d) Sun

20. Calorific value of a fuel is the heat energy produced when :
 (a) Any amount of the fuel is completely burnt
 (b) One kilogram of the fuel is completely burnt
 (c) One milligram of the fuel is completely burnt
 (d) Hundred grams of the fuel is completely burnt
21. The hottest zone of a candle flame is :
 (a) Non-luminous zone (b) Luminous zone
 (c) Dark zone (d) Blue zone at the base of the wick
22. Acid rain can be caused by the burning of :
 (a) Petrol (b) CNG
 (c) Diesel (d) Coal
23. The ignition temperature of white phosphorus is :
 (a) 35°C (b) 37°C
 (c) 33°C (d) 34°C
24. In destructive distillation, coal is strongly heated to about :
 (a) 5000°C (b) 1000°C
 (c) 100°C (d) 10,000°C
25. Element used in Vulcanization of rubber is :
 (a) Nitrogen (b) Hydrogen
 (c) Phosphorus (d) Sulphur
26. Which property must a substance possess for it to be possible to make thin wires of the material ?
 (a) Lustrous (b) Malleability
 (c) Ductility (d) Sonorous
27. Which among the following metal reacts with hot water to give the respective oxide :
 (a) Calcium (b) Magnesium
 (c) Iron (d) Sodium
28. The non-metal which is lustrous :
 (a) Carbon (b) Nitrogen
 (c) Bromine (d) Sulphur
29. The chemical formula of haematite is :
 (a) CuS (b) ZnS
 (c) FeS₂ (d) Fe₂O₃
30. Which among the following is a metalloid ?
 (a) B (b) Al
 (c) Ge (d) Ga

ANSWER - KEY

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|-------|-------|-------|-------|-------|-------|-------|
| 1. d | 2. a | 3. c | 4. a | 5. c | 6. c | 7. d |
| 8. b | 9. c | 10. a | 11. b | 12. a | 13. a | 14. b |
| 15. d | 16. b | 17. d | 18. d | 19. c | 20. b | 21. a |
| 22. d | 23. a | 24. b | 25. d | 26. c | 27. b | 28. a |
| 29. d | 30. c | | | | | |

BIOLOGY

SYLLABUS

1. Transport in animals and plants
2. Reproduction, growth and development
3. Control and coordination
4. Health and hygiene
5. Pollution and conservation
6. Food production and management

1. What is Rh in blood ?
(a) Hormone in body (b) Antibody
(c) Antigen (d) Gene
2. Which of the following is made up of muscular walls ?
(a) Blood (b) Bone
(c) Heart (d) skin
3. Milk : Protein :: Bread :.....
(a) Fats (b) Carbohydrates
(c) Vitamin (d) Minerals
4. Which one of the following disease is caused by virus ?
(a) Measles (b) Whooping Cough
(c) Diphtheria (d) Cholera
5. Which gland secretes the most kinds of hormones
(a) Adrenal (b) Hypothalamus
(c) Thyroid (d) Pituitary
6. An inexhaustible and renewal source of energy is
(a) Hydropower (b) Natural Gas
(c) Wood (d) Fossil Fuel
7. What is the outermost layer of the skin called ?
(a) Epidermis (b) Fibre
(c) Epiblema (d) None of these
8. Which is the protein present in human blood ?
(a) Myosin (b) Insulin
(c) Haemoglobin (d) Erypsin
9. The upward movement of water in plants is called
(a) Translocation (b) Ascent of sap
(c) Transpiration (d) Ion exchange
10. The site of fertilization in human beings is :
(a) Uterus (b) Oviduct
(c) Vulva (d) Vagina

11. Scattering of seeds by hand is called as :
 - (a) Drilling
 - (b) Transplanting
 - (c) Sprinkling
 - (d) Broadcasting
12. In the intestine of a cow, cellulose is decomposed by :
 - (a) Enzymes
 - (b) Acids
 - (c) Bacteria
 - (d) Worms
13. The function of ciliary body in the human eye is :
 - (a) Gives colour to the pupil
 - (b) Alters the shape of the lens
 - (c) Bears light sensitive cells
 - (d) Captures the image
14. These are.....of spinal nerves in the human being :
 - (a) 12 Pairs
 - (b) 31 pairs
 - (c) 12
 - (d) 13
15. Eustachian tube helps to :
 - (a) Maintain air pressure between the throat and inner ear
 - (b) Maintain pressure on the ear
 - (c) Maintain air pressure on the either side of the ear drum
 - (d) Maintains pressure on the tympanum
16. -----combine with rainwater to form acid rain :
 - (a) Methane and Carbondioxide
 - (b) Hydrogen and nitrogen
 - (c) Carbondioxide and CFC
 - (d) Oxides of nitrogen and sulphur
17. The normal blood pressure of human being is in one of the following ranges :
 - (a) 140/80 mm
 - (b) 110/70 mm
 - (c) 120/80 mm
 - (d) 110/75 mm
18. Which of the following vitamins and deficiency disease is not correctly matched ?
 - (a) Vitamin – A Night blindness
 - (b) Vitamin B1 - Pellagra
 - (c) Vitamin D- Deformities in bones
 - (d) Vitamin K- Haemorrhage
19. In a National Park protection is provided to :
 - (a) Flora and Fauna
 - (b) Fauna Only
 - (c) Flora only
 - (d) entire ecosystem
20. Potato is an underground
 - (a) Bulb
 - (b) Root
 - (c) Bud
 - (d) Stem
21.is the fine gap between the dendrites of one neuron and the branches of the axon of another neuron :
 - (a) Synapsis
 - (b) Cyton
 - (c) Synapse
 - (d) Neurotransmitter
22. Part of the brain responsible for the unconscious mind is :
 - (a) Medulla oblongata
 - (b) Cerebrum
 - (c) Cerebellum
 - (d) Pons

23. The valve present between the right auricle and right ventricle of the human heart is :
(a) Tricuspid Valve (b) Bicuspid Valve
(c) Aortic semilunar valve (d) Pulmonary semilunar valve
24. Lead particles are released into the air by the burning of :
(a) Coal in thermal power station (b) LPG for cooking
(c) Petrol in automobiles (d) Biomass in chullahs
25. Agar is obtained from a type of.....
(a) Bacteria (b) Fungi
(c) Yeast (d) Algae
26. Insufficient secretion of insulin causes which of the following condition ?
(a) Goitre (b) Diabetes mellitus
(c) Diabetes insipidus (d) Anaemia
27. Plumule gives rise to the
(a) Root (b) Cotyledons
(c) Shoot (d) Birds
28. Which of the following is not a weed ?
(a) Amaranthus (b) Bougainvillea
(c) Chenopodium (d) Wood sorrel
29. The group of substances that can burn easily are -
(a) Paint thinner, coal, brick (b) Coal, sand, alcohol
(c) Coal, alcohol, paper (d) Brick, alcohol, coal
30. Common salt that we eat everyday contains -
(a) Sodium and Chlorine (b) Sodium and Carbon
(c) Calcium and Chlorine (d) Sodium and Aluminium
-

ANSWER - KEY

- | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 1. c | 2. c | 3. b | 4. a | 5. d | 6. a | 7. a |
| 8. c | 9. b | 10. b | 11. d | 12. c | 13. b | 14. b |
| 15. c | 16. d | 17. c | 18. b | 19. a | 20. d | 21. c |
| 22. b | 23. a | 24. c | 25. d | 26. c | 27. c | 28. b |
| 29. c | 30. a | | | | | |
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SOCIAL STUDIES

SYLLABUS

HISTORY

1. MUGHAL EMPIRE
2. BRITISH RULE
3. AMERICAN REVOLUTIONARY WAR
4. SOCIAL REFORMERS OF INDIA

CIVICS

1. INDIAN CONSTITUTION
2. FUNDAMENTAL RIGHTS

GEOGRAPHY

1. SOLAR SYSTEM
2. EARTH
3. LONGTITUDE AND LATITUDE
4. ROTATION AND REVOLUTION

1. The Humayun tomb was constructed by—
(a) Humayun (b) Akbar
(c) His widow (d) None of these
- 2.. Who was the Mughal Emperor at the time of Nadir Shah's attack?
(a) Rafi-ud-darjat (b) Muhammad Shah
(c) Ahmad Shah (d) Alamgir II
3. Who built Jama Masjid at Delhi?
(a) Akbar (b) Shah Jahan
(c) Nur Jahan (d) Aurangzeb
4. What according to Jadunath Sarkar was the reason of the downfall of Aurangzeb?
(a) Religious policy (b) Military helplessness
(c) Rajput policy (d) Shivaji
5. Who was famous for laying many gardens?
(a) Babur (b) Humayun
(c) Akbar (d) Jahangir
6. Akbar discontinued the debates in the Ibadat Khana in—
(a) 1580 (b) 1582
(c) 1581 (d) 1583
7. 'Fatwa-i-Alamgiri' is a book on—
(a) Digest of Muslim Law under Aurangzeb's supervision
(b) Religious decrees of Aurangzeb
(c) Autobiography of Aurangzeb
(d) Law decrees of Aurangzeb
8. Which Mughal ruler hated people who hated paintings?
(a) Jahangir (b) Shah Jahan
(c) Aurangzeb (d) Akbar

9. Who among the following was the author of Tuzuk-i-Jahangiri?
 - (a) Emperor Jahangir
 - (b) Mohammed Hadi
 - (c) Mohammed Khan
 - (d) None of these
10. Who introduced the Rank of 'Zat and Sawar'?
 - (a) Akbar
 - (b) Aurangzeb
 - (c) Shah Jahan
 - (d) Jahangir
11. Daksala system was introduced by—
 - (a) Akbar
 - (a) Jahangir
 - (b) Farrukhsiyar
 - (d) Shah Jahan
12. Indian Republic is not the product of—
 - (a) Political Revolution
 - (b) Discussion
 - (c) Made by a body of eminent representatives of the people
 - (d) All the above
13. For the first time, British Parliament enacted which laws for the British Government to govern in India—
 - (a) Govt. of India Act 1857
 - (b) Govt. of India Act 1858
 - (c) Govt. of India Act 1891
 - (d) Govt. of India Act 1888
14. The British Secretary of the State governed India through which Institution—
 - (a) Executive Council
 - (b) Parliament
 - (c) Governor assisted by an Executive Council
 - (d) Governor General appointed by an Executive Council
15. Under the British Rule in India, Governor General was responsible for —
 - (a) Secretary of India
 - (b) Secretary of Britain
 - (c) Secretary of State
 - (d) None of the above
16. Morely-Minto reform is associated with which Act—
 - (a) Indian Council Act 1856
 - (b) Indian Council Act 1909
 - (c) Indian Council Act 1908
 - (d) Indian Council Act 1912
17. During the British rule, which community got separate representation from which Act—
 - (a) Christian Community & Indian Council Act 1909
 - (b) Buddhist Community & Indian Council Act 1907
 - (c) Muslim Community & Indian Council Act 1909
 - (d) All the above
18. During the British period, under which Act election was introduced in India—
 - (a) Indian Council Act 1913
 - (b) Indian Council Act 1909
 - (c) Indian Council Act 1906
 - (d) Indian Council Act 1907
19. Montague-Chelmsford report is associated with which Govt of India Act—
 - (a) Govt. of India Act 1918
 - (b) Govt. of India Act 1920
 - (c) Govt. of India Act 1930
 - (d) Govt. of India Act 1919

20. When was the Indian National Congress established—
 - (a) 1888
 - (b) 1885
 - (c) 1889
 - (d) 1890
21. Under the British Rule when was the 'Dyarchy System' introduced —
 - (a) Govt. of India Act 1919
 - (b) Govt. of India Act 1929
 - (c) Govt. of India Act 1925
 - (d) Govt. of India Act 1935
22. Under the Govt. of India Act 1935, which communities were provided separate representation in the Electorate system—
 - (a) Sikh, Europeans
 - (b) Indian Christians
 - (c) Anglo-Indians
 - (d) All the above
23. Under which Government of India Act, Federation and Provincial Autonomy were introduced in India—
 - (a) Govt. of India Act 1935
 - (b) Govt. of India Act 1930
 - (c) Govt. of India Act 1940
 - (d) Govt. of India Act 1936
24. Under the British rule, how many acts came into operation—
 - (a) Govt. of India Act 1858, Indian Council Act 1861
 - (b) Indian Council Act 1892, Indian Council Act 1809
 - (c) Govt. of India Act 1919, Govt. of India Act 1935, Indian Independence Act 1947
 - (d) All the above
25. Which Act provided India to become an Independent state—
 - (a) Indian Independence Act 1949
 - (b) Indian Independence Act 1946
 - (c) Indian Independence Act 1947
 - (d) None of the above
26. Under the Govt. of India Act 1935, the Indian Federation worked through which kind of list—
 - (a) Federal List
 - (b) Provincial List
 - (c) Concurrent List
 - (d) All the above
27. How many American Colonies were there that went to war with Great Britain in the American War of Independence?
 - (a) 9
 - (b) 12
 - (c) 13
 - (d) 50
28. The design of the National Flag was adopted by the Constituent Assembly of India in
 - (a) July, 1947
 - (b) August, 1947
 - (c) July, 1948
 - (d) July, 1950
29. The Constitution of India was enacted by a Constituent Assembly set up
 - (a) Through a resolution of the provisional government
 - (b) By the Indian National Congress
 - (c) Under the Indian Independence Act, 1947
 - (d) Under the Cabinet Mission Plan, 1946.
30. A bill in the Imperial Legislative Council for compulsory and free primary education was introduced by
 - (a) Mohammed Shafi
 - (b) Feroz Shah Mehta
 - (c) G.K. Gokhale
 - (d) Shankaran Nair

31. Who among the following was the Chairman of the Drafting Committee of the Indian Constitution
 - (a) Rajendra Prasad
 - (b) C. Rajagopalachari
 - (c) Tej Bahadur Sapru
 - (d) B.R. Ambedkar
32. The Constituent Assembly which framed the Constitution for Independent India was set up in
 - (a) 1947
 - (b) 1949
 - (c) 1945
 - (d) 1946
33. Which Governor General introduced Doctrine of Lapse ?
 - (a) Lord Minto
 - (b) Lord Rippon
 - (c) Lord Auckland
 - (d) Lord Dalhousie
34. Who among the following was not a member of the Constituent Assembly established in July 1946?
 - (a) K.M. Munshi
 - (b) J.B. Kripalani
 - (c) Mahatma Gandhi
 - (d) Vallabhbhai Patel
35. What is the special Constitutional position of Jammu and Kashmir ?
 - (a) Indian laws are not applicable.
 - (b) It is above Indian Constitution.
 - (c) It is not the integral part of Indian Union.
 - (d) It has its own Constitution
36. On whose recommendation was the Constituent Assembly formed ?
 - (a) Cabinet Mission Plan
 - (b) Govt. of India Act, 1935
 - (c) Mountbatten Plan
 - (d) Cripp's Mission
37. Which of the following Acts gave representation to the Indians for the first time in legislation ?
 - (a) Indian Councils Act, 1919
 - (b) Govt. of India Act, 1935
 - (c) Indian Councils Act, 1909
 - (d) Govt of India Act, 1919
38. Which of the following was adopted from the Maurya dynasty in the emblem of Government of India ?
 - (a) Horse
 - (b) Words Satyameva Jayate
 - (c) Four lions
 - (d) Chariot Wheel
39. Who presided over the inaugural meeting of the Constituent Assembly of India ?
 - (a) Sachchidananda Sinha
 - (b) P. Upendra
 - (c) B.R. Ambedkar
 - (d) Dr. Rajendra Prasad
40. The idea of the Constitution of India was first of all given by
 - (a) Dr. B.R. Ambedkar
 - (b) Jawaharlal Nehru
 - (c) Shri M.N. Roy
 - (d) Mahatma Gandhi
41. The Constitution of India was promulgated on January 26, 1950 because
 - (a) It was an auspicious day.
 - (b) This day was being celebrated as the Purna Swaraj Day since 1929.
 - (c) It was the wish of the farmers of the Constitution.
 - (d) The British did not want to leave India earlier than this date.
42. The first session of the Constituent Assembly was held at
 - (a) Bombay
 - (b) Lahore
 - (c) Calcutta
 - (d) New Delhi
43. The members of the Constituent Assembly were
 - (a) Elected by Provincial Assemblies
 - (b) Only representatives of the princely states.
 - (c) Elected directly by people.
 - (d) Nominated by the government.

44. In which of the following case/s the six rights guaranteed by article 19 can be suspended?
When Martial Law is in force ?
1. External Aggression
 2. Internal Emergency.
 3. When martial law is in force
- (a) 1 only. (b) 2 & 3 only.
(c) 1 & 3 only. (d) 1, 2 & 3.
45. Which of the following rights is/are available to foreigners in India.
1. Right to Education.
 2. Right to Information.
- (a) 1 only. (b) 2 only.
(c) Both. (d) None.
46. Article 21 declares that –
“No person shall be deprived of his life or personal liberty except according to procedure established by law.”
The protection under article 21 is:
- (a) Against arbitrary legislative action.
 - (b) Against arbitrary executive action.
 - (c) Both A & B.
 - (d) None.
47. Which of the following statement/s is/are correct:
1. Right to Information is a fundamental right enshrined in article 19 (1) of the constitution.
 2. Supreme Court of India is not under the purview of RTI act.
- (a) 1 only. (b) 2 only.
(c) Both 1 and 2 (d) None.
48. Article 32 confers the right to remedies for the enforcement of the Fundamental Rights of an aggrieved citizen. Consider the following statements w.r.t article 32.
1. Parliament can suspend this right during national emergency.
 2. Fundamental Rights SC shall have the power to issue writs for the enforcement of any of the correct statement/s is/are:
- (a) 1 only (b) 2 only
(c) Both (d) None
49. Which of the following right/s is/are enshrined in Article 21 – “No person shall be deprived of his life or personal liberty except according to procedure established by law.”
1. Right to speedy trial.
 2. Right against delayed execution.
- (a) 1 only (b) 2 only
(c) Both (d) Non
50. Which of the following writs can be issued against administrative authorities?
- (a) Prohibition, Certiorari & Mandamus.
 - (b) Certiorari & Mandamus.
 - (c) Prohibition & Mandamus.
 - (d) Prohibition & Certiorari.

51. The directive principles were made non – justiciable and legally non – enforceable because:
1. The country did not possess sufficient financial resources to implement them.
 2. There was widespread backwardness in the country that could stand in the way of implementation.
- (a) 1 only (b) 2 only
(c) Both (d) None
52. How many American Colonies were there that went to war with Great Britain in the American War of Independence?
- (a) 9 (b) 12
(c) 13 (d) 50
53. In which year the Constitution of the United States was formulated?
- (a) 1887 (b) 1776
(c) 1797 (d) 1787
54. In which year was the Stamp Act crisis?
- (a) 1765 (b) 1770
(c) 1759 (d) 1760
55. "Which philosopher stated that all individuals possessed certain ""natural rights""-such as life, liberty, and the pursuit of property?"
- (a) John Adams (b) John Locke
(c) John Smith (d) John Wesley
56. Who urged the House of Burgesses to condemn the Stamp Act?
- (a) Henry James (b) George Washinton
(c) Patrick Henry (d) John Adams
57. Who forcibly prevented the distribution of stamps and forced the resignation of the stamp collectors?
- (a) The Freedom Force (b) US Calvary
(c) The Boston Militia (d) Sons of Liberty
58. Who came up the the Townshend Acts?
- (a) Charles Townshend (b) John Dickenson
(c) King William II (d) William Pitt
59. What was the Townshend Acts?
- (a) Tax's on sugar (b) Dutie's on glass, lead, paint, paper, and tea
(c) Laws against murder (c) Laws against freedom of religion
60. Mars Q: Mercury R: Neptune S: Uranus Which planet is nearest from the Sun?
- (a) P (b) Q
(c) R (d) S
61. Which of the following planets has the highest surface temperature?
- (a) Jupiter (b) Pluto
(c) Mercury (d) Saturn
62. The following planets have natural satellites except
- (a) Jupiter (b) Venus
(c) Uranus (d) Neptune

63. The length of an Earth day is determined by the time required for approximately one
 - (a) Earth rotation
 - (b) Earth revolution
 - (c) Sun rotation
 - (d) Sun revolution
64. To an observer in Buffalo, New York, the North Star, Polaris, is always located above the northern horizon at an altitude of approximately
 - (a) $23\frac{1}{2}^{\circ}$
 - (b) 43°
 - (c) $66\frac{1}{2}^{\circ}$
 - (d) 90°
65. Which planet is approximately thirty times farther from the Sun than Earth is?
 - (a) Jupiter
 - (b) Saturn
 - (c) Uranus
 - (d) Neptune
66. Which object is located at one foci of the elliptical orbit of Mars?
 - (a) The Sun
 - (b) Betelgeuse
 - (c) Earth
 - (d) Jupiter
67. What is the basic difference between ultraviolet, visible, and infrared radiation?
 - (a) Half-life
 - (b) Temperature
 - (c) Wavelength
 - (d) Wave velocity
68. The apparent daily path of the Sun changes with the seasons because
 - (a) Earth's axis is tilted
 - (b) Earth's distance from the Sun changes
 - (c) The Sun revolves
 - (d) The Sun rotates
69. This object orbits Earth in both the Earth-centered (geocentric) and Sun-centered (heliocentric) models of our solar system?
 - (a) The Moon
 - (b) Venus
 - (c) The Sun
 - (d) Polaris
70. Predictable changes in the direction of swing of a Foucault pendulum provide evidence that
 - (a) Earth is tilted on its axis
 - (b) Earth rotates on its axis
 - (c) Earth's orbit is slightly elliptical
 - (d) Earth's magnetic poles reverse over time
71. Summer days in New York State are likely to be hotter than winter days because in summer
 - (a) Earth is closer to the Sun
 - (b) The number of sunspots increases
 - (c) Earth's northern axis is tilted toward the Sun
 - (d) The Sun gives off more energy
72. Which planet takes more time to complete one rotation on its axis than to complete one revolution around the Sun?
 - (a) Mercury
 - (b) Venus
 - (c) Mars
 - (d) Jupiter
73. Which observation provides the best evidence that Earth rotates?
 - (a) The position of the planets among the stars changes during the year.
 - (b) The location of the constellations in relationship to Polaris changes from month to month.
 - (c) The length of the shadow cast by a flag pole at noontime changes from season to season.
 - (d) The direction of swing of a freely swinging pendulum changes during the day.
74. At which location will the highest altitude of the star Polaris be observed?
 - (a) Equator
 - (b) Tropic of Cancer
 - (c) Arctic Circle
 - (d) Central New York State

75. Energy is transferred from the Sun to Earth mainly by
- (a) Molecular collisions
 - (b) Density currents
 - (c) Electromagnetic waves
 - (d) Red shifts
76. Longitudes and Latitudes together helps us in
- (a) The climate of a place
 - (b) Locating any place on Earth
 - (c) The time difference between two place
 - (d) Season of the placed
77. The Longitudes divides earth into how many time zones?
- (a) 15 time zones
 - (b) 360 time zones
 - (c) 24 time zones
 - (d) 3 time zones
78. For every degree longitude covered time changes by
- (a) 2 minutes
 - (b) 3 minutes
 - (c) 5 minutes
 - (d) 4 minutes
79. The length of the latitudes are
- (a) Becomes longer towards the poles
 - (b) Longest at the Equator
 - (c) Longest at the poles
 - (d) All the latitudes have same length
80. The Equator does not pass through which of the following continents
- (a) Europe
 - (b) Africa
 - (c) Asia
 - (d) South America
81. The Tropic of Cancer is at
- (a) $66\frac{1}{2}^{\circ}$ N
 - (b) $23\frac{1}{2}^{\circ}$ S
 - (c) $66\frac{1}{2}^{\circ}$ S
 - (d) $23\frac{1}{2}^{\circ}$ N
82. Torrid zones is the zone lying in between which Latitudes?
- (a) Arctic Circle and Antarctic Circle
 - (b) Equator and the Tropic of Capricorn
 - (c) Equator and the Tropic of Cancer
 - (d) Tropic of Cancer and Tropic of Capricorn
83. If the Earth was rotating on its axis from east to west then the ____
- (a) Sun would rise in the north
 - (b) Sun would rise in the east
 - (c) Sun would rise in the west
 - (d) Sun would rise from south
84. What would happen if the Earth were rotating faster on its axis?
- (a) Length of day and night would be shorter
 - (b) All things would be same as it is now
 - (c) Length of the days would increase
 - (d) Length of nights would increase
85. If the Earth was not tilted on its axis, what will happen?
- (a) There will be no day and night
 - (b) There will be no seasons
 - (c) There will be summer season all the time.
 - (d) There will be winter season all the time

86. My friend living in America missed day-night cricket match on 24th July played in Mumbai (India), as when he turned on TV for the match it was over. Why?
- His watch is useless
 - When it is night in America, it's morning of next day in India
 - It wasn't July in America that time
 - None of the above
87. South Korea is situated to the east of India. So, the Sun rises earlier in ____
- South Korea
 - India
 - Sun rises at same time in both countries
 - None of the above
88. If revolution period of the Earth were $365 \frac{1}{3}$ days, then ____
- It would be a leap year after every 3 years
 - Average length of a day would be much longer
 - It would be winter in India in September
 - No leap year would exist
89. If someone takes a trip from Equator to the South Pole in July, can you tell what he will experience during his journey?
- It will get hotter as he is moving away from equator
 - It will get colder as he is moving away from equator
 - It's winter and heat is same all over the southern hemisphere
 - None of the above
90. If the Earth wasn't tilted on its axis, what would be the length of the day in December in India?
- It would be shorter than the days in July
 - It would be longer than the days in July
 - It would be same as the days in July
 - All of the above

ANSWER KEY

- | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 1. c | 2. b | 3. b | 4. b | 5. d | 6. b | 7. a |
| 8. a | 9. a | 10. a | 11. a | 12. a | 13. b | 14. d |
| 15. c | 16. b | 17. c | 18. b | 19. d | 20. b | 21. a |
| 22. d | 23. a | 24. d | 25. c | 26. d | 27. c | 28. a |
| 29. d | 30. c | 31. d | 32. d | 33. d | 34. c | 35. d |
| 36. a | 37. b | 38. c | 39. a | 40. c | 41. b | 42. d |
| 43. c | 44. c | 45. a | 46. c | 47. a | 48. d | 49. c |
| 50. b | 51. c | 52. c | 53. a | 54. a | 55. b | 56. c |
| 57. d | 58. a | 59. b | 60. c | 61. c | 62. b | 63. a |
| 64. b | 65. d | 66. a | 67. c | 68. a | 69. a | 70. b |
| 71. c | 72. b | 73. d | 74. c | 75. c | 76. b | 77. c |
| 78. d | 79. b | 80. a | 81. d | 82. d | 83. c | 84. a |
| 85. b | 86. b | 87. a | 88. a | 89. b | 90. c | |

GENERAL KNOWLEDGE

SYLLABUS

1. Religion and Mythology
2. Literature
3. Famous Personalities
4. Awards
5. Sports and Games
6. Inventions
7. Abbreviations
8. National and World Events
9. Current Affairs
10. Health issues

1. The Moon is a:
(a) Comet (b) Satellite
(c) Star (d) Planet
2. Who receives Dhronacharya Award?
(a) Scientists (b) Movie actors
(c) Sports Coaches (d) Sportsmen
3. Who was the first Indian to be-elected to the British Parliament?
(a) Dadabhai Naoroji (b) Motilal Nehru
(c) Mahatma Gandhi (d) Gopalakrishna Gokhale
4. Which of the following country is not a permanent member of UN Security Council ?
(a) USA (b) India
(c) China (d) UK
5. A hole is made in a brass plate and it is heated. The size of the hole will
(a) Increase (b) Decrease
(c) First increase and then decrease (d) Remain unchanged
6. The Administrative Territory of Delhi is called as
(a) National Union Territory (b) National Chief Territory
(c) National Capital Territory (d) Union Territory
7. Who discovered magnetic field of electric current?
(a) Ampere (b) Faraday
(c) Fleming (d) Edison
8. Which country leads in the production of rubber?
(a) Australia (b) India
(c) Malaysia (d) Myanmar
9. The Panchayat Raj is a
(a) One-tier System (b) Two-tier System
(c) Three-tier System (d) Four-tier System
10. The state mostly benefited by the green revolution was
(a) Punjab (b) Bihar
(c) Assam (d) Kerala

11. When a man circles round the earth in a satellite, then
 - (a) His mass becomes zero but weight remains constant
 - (b) Mass remains constant but weight becomes zero
 - (c) Both mass and weight remain constant
 - (d) Both mass and weight remain zero
12. Which among the following are Gallantry Award
 - (a) Padma Shri
 - (b) Arjuna
 - (c) Dhronacharya
 - (d) Ashoka Chakra
13. Where is the Head quarters of SAARC Secretariat situated
 - (a) Delhi
 - (b) Islamabad
 - (c) Kathmandu
 - (d) Thimpu
14. Lord Buddha's teachings are contained in three books. What are these books called as
 - (a) Tiratnas
 - (b) Tripitakas
 - (c) Trimurtis
 - (d) Trivedas
15. Khalsa is a brotherhood order was established in
 - (a) Buddhism
 - (b) Jainism
 - (c) Sikhism
 - (d) Hinduism
16. INS Vikramaditya isof Indian Navy.
 - (a) Aircraft Carrier
 - (b) Submarine
 - (c) Corvette
 - (d) Patroll ship
17. India is Pushing forward for NSG membership ; Expand NSG
 - (a) National Security Group
 - (b) Nuclear Security Group
 - (c) Nuclear Scrutiny Group
 - (d) Nuclear Suppliers Group
18. A Central Law Enforcement Agency that frequently appears in the news mainly concentrating on the issues related with Bomb blast cases is
 - (a) Central Bureau of Investigation
 - (b) Central Intelligence Department
 - (c) Research and Analysis Wing
 - (d) National Investigation Agency
19. Who invented Radium
 - (a) Albert Einsten
 - (b) Marie Curie
 - (c) Graham Bell
 - (d) None of the above
20. Mr. Dhanraj Pillai is a famous sportsman. He is associated with
 - (a) Hockey
 - (b) Football
 - (c) Cricket
 - (d) Kabadi
21. Which of the following is the busiest navigable river of the world?
 - (a) Rhine
 - (b) Volga
 - (c) Seine
 - (d) Danube
22. Which of the following rivers carries maximum quantity of water into the sea?
 - (a) Thames
 - (b) Nile
 - (c) Amazon
 - (d) Mississippi Missouri
24. 49th Parallel is a Demarcation Boundary between ____
 - (a) North Korea & South Korea
 - (b) China & Mangolia
 - (c) USA & Canada
 - (d) Brazil & Argentina

25. "Cue ball, break shot, pool table" are terms associated with which of the following games?
 - (a) Billiards
 - (b) Squash
 - (c) Golf
 - (d) Cricket
26. Border Security Force (BSF) mans the Border of India and
 - (a) Pakistan Bangladesh
 - (b) Myanmar
 - (c) Bhutan
 - (d) China
27. Which of the following is Not a defence force of India ?
 - (a) Army
 - (b) Navy
 - (c) Shasatr Seema Bal
 - (d) Airforce
28. Which of the following is a fungal disease?
 - (a) Ringworm
 - (b) Mumps
 - (c) Rabies
 - (d) Malaria
29. Use of disposable syringes is usually advised to prevent -
 - (a) Rabies
 - (b) Mumps
 - (c) AIDS
 - (d) Cancer
30. The hormone which is not directly associated with reproduction is -
 - (a) Testosterone
 - (b) Oestrogen
 - (c) Progesterone
 - (d) Parathormone
31. What is Operation Flood?
 - (a) A scheme to control flood
 - (b) A mission programme of production and distribution of milk
 - (c) A scheme for distribution of water for irrigation
 - (d) None of these
32. The terms 'bull' and 'bear' are used in -
 - (a) Planning Commission
 - (b) Stock Exchange
 - (c) Sale Tax Department
 - (d) Income Tax Department
33. To correct his/her vision, a person suffering from short-sightedness will have to use -
 - (a) Convex lens
 - (b) Concave lens
 - (c) Convex mirror
 - (d) Bifocal Lens
34. Which among the following is the natural inhabitant of North Pole but not of South Pole?
 - (a) Penguins
 - (b) Emu
 - (c) Ploar Bear
 - (d) Seals
35. Newton's 1st Law is the law of -
 - (a) Inertia
 - (b) Force
 - (c) Momentum
 - (d) Acceleration
36. Name of the longest Train route of India -
 - (a) Jammu Tawi Express
 - (b) Jammu Kanyakumari Express
 - (c) Himsagar Express
 - (d) Vivek Express
37. Who is the Chairman of the Rajya Sabha?
 - (a) President of India
 - (b) Vice President of India
 - (c) Prime Minister of India
 - (d) Governor

38. Electric fuse wire is made of alloys because alloys -
 - (a) Have low melting point
 - (b) Have high melting point
 - (c) Are economical
 - (d) Do not get heated easily
39. Sarojini Naidu became the Governor of which Indian State?
 - (a) Himachal Pradesh
 - (b) Uttar Pradesh
 - (c) Madhya Pradesh
 - (d) Andhra Pradesh
40. Which of the following name is not associated with painting?
 - (a) K. L. Saigal
 - (b) Jamini Roy
 - (c) Manjit Bawa
 - (d) M. F. Hussain
41. The word Buddha means -
 - (a) a conqueror
 - (b) a liberator
 - (c) a wanderer
 - (d) an enlightened one
42. Which of the following award is given to recognize outstanding achievement in sports?
 - (a) Padma Shri
 - (b) Arjuna Award
 - (c) Param Vir Chakra
 - (d) Ashok Chakra
43. If someone is injured in an accident and broken his/her knee joint, then he or she needs to consult -
 - (a) Orthopedic
 - (b) Paediatrician
 - (c) Oncologist
 - (d) Urologist
44. Who among the following is an Olympic Medal winner?
 - (a) P. T. Usha
 - (b) Sania Mirza
 - (c) Mahesh Bhupathi
 - (d) Saina Nehwal
45. Which of the following is a classical dance from North India?
 - (a) Kathak
 - (b) Kathakali
 - (c) Kuchipudi
 - (d) Bharat Natyam
46. The largest Navigable Lake in the world
 - (a) Lake Titicaca
 - (b) Lake Superior
 - (c) Lake Maracaibo
 - (d) Wular Lake
47. Who among the following is not a Dada Saheb Phalke Award winner?
 - (a) Amitabh Bachchan
 - (b) Asha Bhosle
 - (c) Pran
 - (d) Mrinal Sen
48. Which of the following festival associated with full-moon day?
 - (a) Eid-ul-Fitr
 - (b) Easter
 - (c) Holi
 - (d) Diwali
49. Which of the following Valleys is known as "Paradise of Earth"?
 - (a) Kashmir Valley
 - (b) Kangra Valley
 - (c) Kullu Valley
 - (d) Doon Valley
50. The bus service to Pakistan which was started by India runs from Delhi to
 - (a) Islamabad
 - (b) Lahore
 - (c) Peshawar
 - (d) Karachi

51. Chaitya Bhumi is the memorial of
 - (a) Jagjivan Ram
 - (b) Ch. Charan Singh
 - (c) Dr. B.R. Ambedkar
 - (d) Indira Gandhi
52. The highest town (from the sea level) of India is -
 - (a) Srinagar
 - (b) Lahaul & Spiti
 - (c) Shimla
 - (d) Jammu
53. "Tamasha" is the folk performance in
 - (a) Andhra Pradesh
 - (b) Maharastra
 - (c) Chattisgarh
 - (d) West Bengal
54. What name is given to the soil brought down by the rivers?
 - (a) Alluvial Soil
 - (b) Black Soil
 - (c) Laterite Soil
 - (d) Red Soil
55. Which is the largest freshwater lake in India?
 - (a) Wular
 - (b) Chilka
 - (c) Loktak
 - (d) Sambhar
56. Where is the famous Pinjore Garden situated?
 - (a) Shimla
 - (b) Dehradun
 - (c) Chandigarh
 - (d) New Delhi
57. Who invented Telegraph?
 - (a) Samuel Morse
 - (b) Edward Jenner
 - (c) Alexander Graham Bell
 - (d) Marcony
58. The Manchester of India is
 - (a) Ahmedabad
 - (b) Madurai
 - (c) Kapurtala
 - (d) Ferozpur
59. Central Potato Research of India is located at
 - (a) Kolkata
 - (b) Lucknow
 - (c) Delhi
 - (d) Shimla
60. Recently a European country unveiled the statue of Mahatma Gandhi
 - (a) Portugal
 - (b) Britain
 - (c) Italy
 - (d) France
61. World's Largest Cruise Ship Terminal is in
 - (a) Dubai
 - (b) Yemen
 - (c) Brisbane
 - (d) Lisbon
62. The lead character in The Bandit Queen has been played by
 - (a) Rupa Ganguly
 - (b) Seema Biswas
 - (c) Pratibha Singh
 - (d) None of the above
63. What is its full form of FSSAI?
 - (a) Food Safety & Standards Authority of India
 - (b) Food Safety & Suppliers Authority of India
 - (c) Food Security & Suppliers Act of India
 - (d) Food Safety & Standards Act of India

64. First Indian to be drafted by a National Basketball Association Team is
 (a) Kavita Akula (b) Satnam Singh Bhamara
 (c) Loveneet Atwal (d) Poonam Chaturvedi
65. Which freedom fighter suffered fatal injuries during a demonstration against Simon Commission?
 (a) Bhagat Singh (b) Lala Lajpat Rai
 (c) Bal Gangadhar Tilak (d) Chandrashekhar Azad
66. Which Mughal emperor took the title of Alamgir?
 (a) Akbar (b) Jahangir
 (c) Shah Jahan (d) Aurangzeb
67. Microsoft Office does not include -
 (a) Android (b) Excel
 (c) Powerpoint (d) Word
68. Who was the Tenth Guru of the Sikhs?
 (a) Guru Nanak (b) Guru Tegh Bahadur
 (c) Guru Gobind Singh (d) Guru Amardas
69. Who among the following was known as the "Saint of the Gutters"?
 (a) Baba Amte (b) Mother Teresa
 (c) Jyotirao Phule (d) C. F. Andrews
70. The list of persons not containing an RBI Governor is -
 (a) Raghuram Rajan, D. Subbarao, I. G. Patel, R. N. Malhotra
 (b) Y. V. Reddy, Bimal Jalan, C. Rangarajan, K. R. Puri
 (c) Manmohan Singh, A. Ghosh, D. Subbarao, Raghuram Rajan
 (d) None of the above
71. The G-7 is a group consisting of -
 (a) The heads of the states of US, UK, France, Germany, Italy, Canada and Japan
 (b) The finance ministers of US, UK, France, Germany, Italy, Canada and Japan
 (c) The heads of the states of US, UK, France, Germany, Russia, Canada and Japan
 (d) The heads of the states of US, UK, France, Germany, Russia, Italy and Japan
72. The famous Mullaperiyar Dam Controversy is between which of the two states
 (a) Kerala & Andhra Pradesh (b) Tamil Nadu & Karnataka
 (c) Tamil Nadu & Kerala (d) Kerala & Karnataka
73. The newest country in the world is -
 (a) Palau (b) Kosovo
 (c) East Timor (d) South Sudan
74. The famous Flamingo festival is celebrated in
 (a) Andhra Pradesh (b) Chattisgarh
 (c) Nagaland (d) Manipur
75. The famous Hornbill festival is celebrated every year in
 (a) Assam (b) Chattisgarh
 (c) Nagaland (d) Manipur

76. The languages having classical status
 (a) Hindi (b) Odiya
 (c) Urdu (d) Santhali
77. Which of the following is not associated with the UNO?
 (a) ILO (b) WHO
 (c) ASEAN (d) All of the above
78. The chairmanship/presidency of the UN Security Council rotates among the Council Members
 (a) Every 6 months (b) Every 3 months
 (c) Every year (d) Every month
79. Which of the following is not a chief organ of the United Nations Organisations?
 (a) International Labour Organisation (b) Security Council
 (c) International Court of Justice (d) General Assembly
80. CF Andrews was known as
 (a) Desh Bandhu (b) Deen Bandhu
 (c) Frontier Gandhi (d) None of the above

ANSWER KEY

- | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 1. b | 2. c | 3. a | 4. b | 5. c | 6. c | 7. b |
| 8. c | 9. c | 10. a | 11. a | 12. d | 13. c | 14. b |
| 15. c | 16. a | 17. d | 18. d | 19. b | 20. a | 21. a |
| 22. c | 23. a | 24. c | 25. a | 26. a | 27. c | 28. a |
| 29. c | 30. b | 31. d | 32. b | 33. b | 34. c | 35. c |
| 36. d | 37. b | 38. a | 39. b | 40. a | 41. d | 42. b |
| 43. a | 44. c | 45. a | 46. a | 47. a | 48. c | 49. a |
| 50. b | 51. c | 52. b | 53. b | 54. a | 55. a | 56. c |
| 57. a | 58. a | 59. d | 60. b | 61. a | 62. c | 63. a |
| 64. b | 65. b | 66. d | 67. a | 68. c | 69. b | 70. c |
| 71. b | 72. c | 73. d | 74. a | 75. c | 76. b | 77. c |
| 78. d | 79. a | 80. b | | | | |
-

PART B (SUBJECTIVE TYPE)

ESSAY WRITING

Instructions :

- * Students are required to write an essay on any ONE of the given topics
 - * Maximum word limit is 300 words
 - * **Part B is considered only if you score 80% and above in Part A Objective type**
 - * Attempting **Essay is compulsory** failing which the answer sheet will not be considered for grading even if you score 100% in Part A
 - * Adequate space will be provided for Part B
 - * There is **no provision of Extra Sheet** so please complete the essay in the space given to you
-

Topics

1. Write an essay on water conservation
2. Write an essay on environmental protection for good health
3. Write an essay on communicable diseases like TB, Leprosy, Swine flue etc
4. Write an essay on noise pollution and its adverse effects.
5. Write an essay on infant and maternal mortality in India

KNEUS SCHOLASTIC APTITUDE TEST CLASS IX

Model Question Paper

Kindly follow the instructions

- Verify your **Roll Number, School Code** and other details before you start answering
- This question paper contains **100 questions in Part A**. Each question is followed by a series of choices or possible answers. Choose any one option which you feel is correct.
- All questions carry **equal marks**. There is **no negative marking for wrong answers**.
- There is a **essay writing in Part B**. **No evaluation will be made if Part B is unattempted**.
Thus Both the sections are to be compulsorily attempted. However part B is considered only when a student secures more than 90% in Part A Objective type
- Try to answer every question. Your test score will be based on the number of questions you answer correctly.
- Please attempt Part B in the space provided in the test booklet or any other specified medium
- **use either blue or black pen for shading the OMR.**
- Please do not mark anything on the OMR sheet other than shading portion to mark your answers
- shade only one answer for each question. Double shading are scored as wrong answers.
- Keep your answer sheets on a hard surface while answering. Do not fold or crease your answer sheet.
- Do not scribble on the answer book.
- **For rough work** use the plain sheet given **at the end of the book**.
- When you finish your test, if time permits, you may re check your work.

Sample Procedure for answering the question

Who is remembered as the missile man of India?

- A. Mr. Narendra Modi B. Dr. Manmohan Singh
- C. Dr. Pranab Mukherjee D. Smt Pratibha Patil
- E. Dr. APJ Abdul Kalam

Correct Way

[A] [B] [C] [D] [~~E~~]

Don't do this way

[A] [B] [C] [D] [~~E~~]

[A] [B] [C] [D] [~~E~~]

[A] [B] [C] [D] [~~E~~]

Part A (Objective Type)

Choose the correct response for the following sentences.

1. Was the film good ?
(a) No, it wasn't (b) No, its isn't
(c) No, it doesn't (d) No, it did not
(e) Yes, it wasn't

Choose the correct question tag.

2. Mala has gone to the market, ?
(a) Isn't it (b) Isn't she
(c) Hasn't she (d) Has she
(e) Doesn't she

Read the passage and answer the given questions :

Cricketer Yuvraj Singh, who underwent cancer treatment in the US for a rare germ cell cancer, returned to the country to a rousing reception from adoring fans. He was received by his mother, Shabnam at the Delhi airport. He came on a morning flight after spending some days in London to recuperate from the after effects of chemotherapy. Yuvraj walked through hordes of fans and media personnel patiently towards a car, which drove him to Gurgaon Home.

3. Give a synonym for 'reception'.
(a) party (b) wedding
(c) welcome (d) function
(e) ceremony
4. 'Recuperate's means....., ?
(a) rest (b) recover
(c) deteriorate (d) rescue
(e) reopen

Read the passage and answer the following questions.

The stranger was well dressed and wore a silk hat of glossy newness. He paused three times at the gate. The fourth time he stood with his hand upon it, and then with sudden resolution flung it open and walked up the path. Mrs. White at the same time placed her hands behind her, and unfastening the string of her apron, put that useful article of apparel beneath the cushion of her chair. He gazed at her furtively and listened in a pre-occupied fashion as the old lady apologized for the appearance of the room.

5. What is the meaning of **furtively**.
(a) Secretly (b) Slyly
(c) Angrily (d) Openly
(e) Sorrowfully
6. Give the antonym for **preoccupied**.
(a) anxious (b) distant
(c) carefree (d) pensive
(e) busy

Change the sentences as directed. Select the correct answer.

7. Who does not know the value of loyalty ? (Make assertive)
(a) No one knows the value of loyalty
(b) Few know that loyalty is valuable
(c) Everyone knows the value of loyalty
(d) The value of loyalty is known
(e) Everyone does not know the value of loyalty
8. Kaustubh had eaten snake in Thailand.
(a) A snake had been eaten by Kaustubh in Thailand
(b) In Thailand Kaustubh ate a snake.
(c) A snake in Thailand was eaten by Kaustubh
(d) Kaustubh ate a snake in Thailand
(e) A snake was eaten in Thailand by Kaustubh

Select the correct synonym for the word.

9. Offensive
(a) proper (b) pleasing
(c) annoying (d) polite
(e) ridiculing

Select the correct synonym for the word in bracket.

10. All the.....made him feel week. (exertion)
(a) effort (b) exhaustion
(c) effect (d) anxiety
(e) extortion

Select the correct one word for the group of words :

11. Incapable of being overcome :
(a) Insurmountable (b) Invisible
(c) Inexplorable (d) Inability
(e) Infallible

Select the correct words from the given words which are often confused with other words.

12. They are his.....parents.
(a) adoptive (b) adopted
(c) adapted (d) adepted
(e) adaptive

Choose the correct preposition from the given options.

13. A thick fog hung.....the city.
(a) about (b) within
(c) over (d) on
(e) in

Choose the correct preposition from the given option.

14. Kasturi never borrows anything.....anyone.
(a) of (b) from
(c) for (d) over
(e) of

Select the most appropriate determined.

15.men know the tricks of the trade.
- | | |
|-------------|---------|
| (a) much | (b) any |
| (c) few | (d) one |
| (e) someone | |

Fill in the blanks with suitable verb with agreement to subject.

16. The collection of the samples.....done in the morning.
- | | |
|---------------|---------|
| (a) has | (b) was |
| (c) were | (d) are |
| (e) have been | |

Select the correct conjunctions which can be used to join these sentences.

17. He worked day and night. He did not succeed.
- | | |
|-------------|--------------|
| (a) though | (b) and |
| (c) so that | (d) but also |
| (e) so | |

Select the word with the correct spelling.

18. (a) vishious (b) vicious
(c) vichious (d) visious
(e) visius

Fill in the blanks with correct form of the verb.

19. The soldier was.....dead.
- | | |
|-------------|-----------|
| (a) shot | (b) shoot |
| (c) shooted | (d) shott |
| (e) shotted | |

Select the correct conjunctions which can be used to join these sentences.

20. Rice needs plenty of water. Wheat does not need as much.
- | | |
|------------------|---------|
| (a) whereas | (b) and |
| (c) nevertheless | (d) for |
| (e) still | |
21. Which number from the following can divide 3453426 :
- | | |
|----------------|-------|
| (a) 2 | (b) 3 |
| (c) 9 | (d) 5 |
| (e) 2, 3 and 9 | |

22. The value of $\frac{(598 + 178)^2 - (598 - 178)^2}{598 \times 178}$ is :

- | | |
|--------------------|-----------------------|
| (a) $\frac{1}{2}$ | (b) 4 |
| (c) 402 | (d) $\frac{209}{399}$ |
| (e) $\frac{6}{13}$ | |

23. Find the greatest three digit number, if it is divided by 4, 6 and 8 leaves remainder 3 in all the cases :
- (a) 998 (b) 997
(c) 987 (d) 992
(e) 995
24. 60% of $350 = x \times 15$ then value of x is :
- (a) 12 (b) 14
(c) 15 (d) 16
(e) 17
25. On selling the object at Rs. 45, Ram bears a loss of 10% . What should be the sale price of the article to gain 20% .
- (a) 52 (b) 56
(c) 60 (d) 72
(e) 87
26. The average of first 8 prime number be :
- (a) 4.5 (b) 9.625
(c) 7.8 (d) 6.8
(e) 9.9
27. The average marks of 10 students are 60. If marks of one student are excluded the new average becomes 55, the marks of that student would be :
- (a) 55 (b) 60
(c) 105 (d) 115
(e) 120
28. If all sides of a equilateral triangle are 6 cm each, then what is the height :
- (a) 3 cm (b) $\sqrt{3}$ cm
(c) $\sqrt{\frac{3}{2}}$ cm (d) $3\sqrt{3}$ cm
(e) $2\sqrt{3}$ cm
29. The perimeter of a rhombus is 40m, its height is 5m, then its area will be :
- (a) 60 m^2 (b) 50 m^2
(c) 45 m^2 (d) 55 m^2
(e) 57 m^2
30. Value of $4\frac{1}{5} \div 3\frac{1}{2} - \frac{2}{3} \times 2\frac{1}{6} + \frac{8}{25}$ of $\frac{15}{24}$ is :
- (a) $\frac{45}{2}$ (b) $\frac{13}{9}$
(c) 0 (d) $-\frac{2}{45}$

- (e) $\frac{67}{24}$
31. If $A : B = 6 : 7$ and $B : C = 9 : 11$. Then $A : B : C$ is :
 (a) $6 : 7 : 9$ (b) $7 : 9 : 11$
 (c) $54 : 63 : 77$ (d) $53 : 78 : 96$
 (e) $6 : 9 : 11$
32. If 80% of all students fail in exam and 80 students are passed it then total students were :
 (a) 320 (b) 400
 (c) 800 (d) 900
 (e) None of these
33. A 175 m long train crosses a 185 m long tunnel in 45 sec. speed of train in km/hour is :
 (a) 30 km/hour (b) 28.8 km/hour
 (c) 25 km/hour (d) 20 km/hour
 (e) 17 km/hour
34. The value of $24x + 14x^2 \div 7x - \frac{1}{3}$ of $36x$ is :
 (a) $14x$ (b) $7x + 2$
 (c) $14x^2 - 1$ (d) $x + 2$
 (e) None of these
35. Value of x in $\frac{(x+2)(2x-3)-2x^2+6}{x-5} = 2$ is equal to :
 (a) 2 (b) 7
 (c) 10 (d) -10
 (e) 17
36. Two numbers differ by 6, three times the larger number is 2 more than five times the smaller number, find the numbers :
 (a) 14 and 20 (b) 20 and 26
 (c) 14 and 8 (d) 6 and 12
 (e) 5 and 12
37. In $\triangle ABC$ $\angle A : \angle B : \angle C = 2 : 5 : 8$, then value of angles :
 (a) 24, 60, 96 (b) 20, 70, 90
 (c) 15, 45, 120 (d) 20, 50, 80
 (e) None of these
38. If $\sin(A+B) = \cos(A-B) = \frac{\sqrt{3}}{2}$ then value of 'B' is :
 (a) 45° (b) 30°
 (c) 15° (d) 60°
 (e) 75°
39. Equation of line whose slope is -3 and y intercept is 5, is :
 (a) $3x + y = 5$ (b) $3x - y = 5$
 (c) $3x + y + 5 = 0$ (d) $x + y = \frac{5}{2}$
 (e) $x + y = -7$

40. The sides of a hexagon are produced in a order. If the measures of each exterior angle so obtained are $(3x + 15^\circ)$, $(2x + 5^\circ)$, x , $(7x - 5^\circ)$, $(8x - 10^\circ)$, $(6x - 20^\circ)$ and $3x$, then find the value of x :
- (a) 52.5 (b) 12.5
(c) 30 (d) 37.5 (e) 42.5
41. Which of the following has least density :
- (a) Saturn (b) Venus
(c) Earth (d) Moon
(e) Jupiter
42. In a telescope which lens is used as objective lens :
- (a) Convex lens of large focal length (b) Convex lens of small focal length
(c) Concave lens of small focal length (d) Concave lens of large focal length
(e) Bifocal concave lens
43. S.I. unit of Latent heat is :
- (a) Joule (b) Kg
(c) J/kg (d) No unit
(e) None of these
44. Normal value of atmospheric pressure at sea leved and at 0°C is :
- (a) 106 Pa (b) 410 Pa
(c) 2.13×10^4 Pa (d) 1.013×10^5 Pa
(e) 750 Pa
45. S.I. Unit of electric charge is :
- (a) Volt (b) Ampere
(c) Coulamb (d) Kg
(e) Tesla
46. Magnetic compass is used to find :
- (a) Pressure (b) Direction
(c) Electric current (d) Temperature
(e) Velocity
47. Transformer is a device which is used to :
- (a) Generate electricity (b) Step up or down line voltage
(c) Generate magnet (d) Break the circuit
(e) None of these
48. Which among the following is a thermosetting plastic :
- (a) Bakelite (b) Teflon
(c) PVC (d) Polyethene
(e) Polythene

49. Which of these fibres is made from a raw material obtained from plants ?
- (a) Rayon (b) Nylon
(c) Terylene (d) Polyester
(e) Polyethene
50. Pieces of copper, silver and gold are dropped into a solution of Iron Sulphate. The piece that will get a coating of copper is :
- (a) Iron (b) Silver
(c) Gold (d) Platinum
(e) Mercury
51. Which of these is obtained by destructive distillation of coal ?
- (a) LPG (b) Coal Gas
(c) CNG (d) Methane
(e) Anthracite
52. Calorific value of a fuel is the heat energy produced when :
- (a) Any amount of the fuel is completely burnt
(b) One kilogram of the fuel is completely burnt
(c) One milligram of the fuel is completely burnt
(d) Hundred gram of the fuel is completely burnt
(e) None of these
53. Element used in Vulcanization of rubber is :
- (a) Nitrogen (b) Hydrogen
(c) Phosphorus (d) Sulphur
(e) Boron
54. The chemical formula of haematite is :
- (a) CuS (b) ZnS
(c) FeS₂ (d) Fe₂O₃
(e) PbS
55. Milk : Protein :: Bread :
- (a) Fats (b) Carbohydrates
(c) Vitamin (d) Minerals
(e) Proteins
56. What is the outermost layer of the skin called ?
- (a) Epidermis (b) Fibre
(c) Epiblema (d) ectodermis
(e) None of these

57. In the intestine of a cow, cellulose is decomposed by :
- | | |
|--------------|-----------|
| (a) Enzymes | (b) Acids |
| (c) Bacteria | (d) Worms |
| (e) Proteins | |
58. In a National Park protection is provided to :
- | | |
|---------------------|----------------------|
| (a) Flora and Fauna | (b) Fauna Only |
| (c) Flora only | (d) Entire ecosystem |
| (e) Human beings | |
59. Lead particles are released into the air by the burning of :
- | | |
|-----------------------------------|-------------------------|
| (a) Coal in thermal power station | (b) LPG for cooking |
| (c) Petrol in automobiles | (d) Biomass in chullahs |
| (e) Refrigerents | |
60. Plumule gives rise to the
- | | |
|-----------|----------------|
| (a) Root | (b) Cotyledons |
| (c) Shoot | (d) Birds |
| (e) Seeds | |
61. Who was the Mughal Emperor at the time of Nadir Shah's attack?
- | | |
|--------------------|-------------------|
| (a) Rafi-ud-darjat | (b) Muhammad Shah |
| (c) Ahmad Shah | (d) Alamgir II |
| (e) Aurangzeb | |
62. Which Mughal ruler hated people who hated paintings?
- | | |
|---------------|----------------|
| (a) Jahangir | (b) Shah Jahan |
| (c) Aurangzeb | (d) Akbar |
| (e) Babur | |
63. Under the British Rule in India, Governor General was responsible for —
- | | |
|------------------------|---------------------------|
| (a) Secretary of India | (b) Secretary of Britain |
| (c) Secretary of State | (d) Secretary of Congress |
| (e) None of the above | |
64. During the British rule, which community got separate representation from which Act—
- | |
|---|
| (a) Christian Community & Indian Council Act 1909 |
| (b) Buddhist Community & Indian Council Act 1907 |
| (c) Muslim Community & Indian Council Act 1909 |
| (d) All the above |
| (e) None of these |
65. When was the Indian National Congress established—
- | | |
|----------|----------|
| (a) 1888 | (b) 1885 |
| (c) 1889 | (d) 1890 |
| (e) 1886 | |

66. Which Act provided India to become an Independent state—
 (a) Indian Independence Act 1949 (b) Indian Independence Act 1946
 (c) Indian Independence Act 1947 (d) None of the above
 (e) (a), (b) and (c)
67. The design of the National Flag was adopted by the Constituent Assembly of India in
 (a) July, 1947 (b) August, 1947
 (c) July, 1948 (d) July, 1950
 (e) January 1950
68. The Constituent Assembly which framed the Consitution for Independent India was set up in
 (a) 1947 (b) 1949
 (c) 1945 (d) 1946
 (e) 1950
69. Which of the following was adopted from the Maurya dynasty in the emblem of Government of India ?
 (a) Horse (b) Words Satyameva Jayate
 (c) Four lions (d) Chariot Wheel
 (e) Lotus
70. The Constitution of India was promulgated on January 26, 1950 because
 (a) It was an auspicious day.
 (b) This day was being celebrated as the Purna Swaraj Day since 1929.
 (c) It was the wish of the farmers of the Constitution.
 (d) The British did not want to leave India earlier than this date.
 (e) It was the Republic Day
71. Which team won the COPA America 2015
 (a) Argentina (b) Brazil
 (c) Paraguay (d) Uruguay
 (e) Chile
72. The directive principles were made non – justiciable and legally non – enforceable because:
 1. The country did not possess sufficient financial resources to implement them.
 2. There was widespread backwardness in the country that could stand in the way of imple-
 mentation.
 3. The people were not aware of them
 (a) 1 only (b) 2 only
 (c) Both 1 and 2 (d) All 1, 2 and 3
 (e) None of these
73. In which year was the Stamp Act crisis?
 (a) 1765 (b) 1770
 (c) 1759 (d) 1760
 (e) 1777

74. Who forcibly prevented the distribution of stamps and forced the resignation of the stamp collectors?
- (a) The Freedom Force (b) US Calvary
(c) The Boston Militia (d) Sons of Liberty
(e) The US President
75. The following planets have natural satellites except
- (a) Jupiter (b) Venus
(c) Uranus (d) Neptune
(e) Earth
76. Which object is located at one foci of the elliptical orbit of Mars?
- (a). The Sun (b) Betelgeuse
(c) Earth (d) Jupiter
(e) Moon
77. Which planet takes more time to complete one rotation on its axis than to complete one revolution around the Sun?
- (a) Mercury (b) Venus
(c) Mars (d) Jupiter
(e) Earth
78. Longitudes and Latitudes together helps us in
- (a) The climate of a place (b) Locating any place on Earth
(c) The time difference between two place (d) Season of the placed
(e) Locate the time
79. Torrid zones is the zone lying in between which Latitudes?
- (a) Arctic Circle and Antarctic Circle (b) Equator and the Tropic of Capricorn
(c) Equator and the Tropic of Cancer (d) Tropic of Cancer and Tropic of Capricorn
(e) Tropic of Cancer and Arctic Circle
80. South Korea is situated to the east of India. Iran is situated to the West of India So, the Sun rises earlier in ____
- (a) South Korea
(b) India
(c) Iran
(d) All at the same time
(e) None of the above
81. The Moon is a:
- (a) Comet (b) Satellite
(c) Star (d) Planet
(e) Planetoid
82. Who scored the highest individual score at the ICC Cricket World Cup 2015 ?
- (a) Chris Gayle (b) A B Devilliers
(c) Martin Gupatil (d) David Warner
(e) Brendon taylor

83. The Panchayat Raj is a
(a) One-tier System (b) Two-tier System
(c) Three-tier System (d) Four-tier System
(e) Five - tier System
84. Which among the following are Gallantry Award
(a) Padma Shri (b) Arjuna
(c) Dhronacharya (d) Ashoka Chakra
(e) Padma Bhushan
85. India signed a Civil Nuclear Deal with her SAARC Neighbour recently
(a) Pakistan (b) Afghanistan
(c) Bhutan (d) Sri Lanka
(e) Bangladesh
86. The Indian delegation to the first World Conference on Human Rights was led by
(a) Dr. Manmohan Singh (b) Farooq Abdullah
(c) Dinesh singh (d) Alam Khan
(e) Omar Abdulla
87. "Cue ball, break shot, pool table" are terms associated with which of the following games?
(a) Billiards (b) Squash
(c) Golf (d) Cricket
(e) Table Tennis
88. Use of disposable syringes is usually advised to prevent -
(a) Rabies (b) Mumps
(c) AIDS (d) Cancer
(e) TB
89. Which among the following is the natural inhabitant of North Pole but not of South Pole?
(a) Penguins (b) Emu
(c) Ploar Bear (d) Seals
(e) Whales
90. Electric fuse wire is made of alloys because alloys -
(a) Have low melting point (b) Have high melting point
(c) Are economical (d) Do not get heated easily
(e) None of these
91. Which of the following award is given to recognize outstanding achievement in sports?
(a) Padma Shri (b) Arjuna Award
(c) Param Vir Chakra (d) Ashok Chakra
(e) Bharat Ratna
92. Who among the following is not a Dada Saheb Phalke Award winner?
(a) Amitabh Bachchan (b) Asha Bhosle
(c) Pran (d) Mrinal Sen
(e) All of the above

93. Which of the following festival associated with full-moon day?
(a) Eid-ul-Fitr (b) Easter
(c) Holi (d) Diwali
(e) Christmas
94. The highest town (from the sea level) of India is -
(a) Srinagar (b) Lahaul & Spiti
(c) Shimla (d) Jammu
(e) Mt. Abu
95. Where is the famous Pinjore Garden situated?
(a) Shimla (b) Dehradun
(c) Chandigarh (d) New Delhi
(e) Amritsar
96. Recently a European country unveiled the statue of Mahatma Gandhi
(a) Portugal (b) Britain
(c) Italy (d) France
(e) Germany
97. First Indian to be drafted by a National Basketball Association Team is
(a) Kavita Akula (b) Satnam Singh Bhamara
(c) Loveneet Atwal (d) Poonam Chaturvedi
(e) Sardar Singh Benara
98. Who was the Tenth Guru of the Sikhs?
(a) Guru Nanak (b) Guru Tegh Bahadur
(c) Guru Gobind Singh (d) Guru Amardas
(e) None of these
99. The famous Mullaperiyar Dam Controversy is between which of the two states
(a) Kerala & Andhra Pradesh (b) Tamil Nadu & Karnataka
(c) Tamil Nadu & Kerala (d) Kerala & Karnataka
(e) Tamil Nadu & Andhra Pradesh
100. Which of the following is not associated with the UNO?
(a) ILO (b) WHO
(c) ASEAN (d) All of the above
(e) UNICEF

PART B (SUBJECTIVE TYPE)

Essay Writing

Instructions

- * Essay Should be written in **Ball point pen only either blue or black**
 - * Essay should be written in the space provided
-

Select any one of the given topics and write without exceeding 300 words

1. Write an essay on communicable diseases like TB, Leprosy, Swine flue etc
2. Write an essay on noise pollution and its adverse effects.

Please use this speace for rough work

Rough Work

