



OLIVE MISSION

A Residential Academic Programme
Scholarship Entrance Exam

OLIVE NEET 2024

For Class-VII in 2024-2025

Name of Student: _____ Roll No. _____

Course Name: _____ Invigilator Sign/Date _____

Duration : 2 hrs

General Instruction-

- This question paper consists of questions from Mental Aptitude Test, English, Social Sciences, Science, Mathematics, Computer
- Multiple choice questions with one correct answer Question No. 1 to 90.
- No marks will be allotted/deducted if a questions is left unattempt.
- Blank papers, calculators, tablets, mobile phones or any other electronic gadget in any form are not allowed to be used.
- Write your name & Application form in BOLD (BLUE/BLAK Ball Point Pen) in the space provided of this booklet.
- All the rough work is to be done in the blank space provided in the question paper.

Mark distribution of question is as follows-

Question no.	Subject
1 to 10	Social Studies
11 to 30	Science
31 to 50	English
51 to 65	Mathematics
66 to 80	MAT
81 to 90	Computer

Instruction for filling OMR Sheet-

- Darken the appropriate circle on the original by applying sufficient pressure with dark pencil.
- Do not tamper OMR Sheet
- Write your name, application form no and name of the examination centre with black/blue ball point pen in the space provide for the purpose. Do not write any of these details anywhere else.
- Darken the circle on OMR (Optical Mark Recognition) sheet only if you are sure of the answer.
- The correct way to darken the circle is



SUBJECT: SOCIAL STUDIES

Multiple Choice Questions: (1x15)

1. When was First Battle of Panipat fought?
(a) 1526 (b) 1547 (c) 1555
2. Who was the most powerful ruler of the Slave Dynasty?
(a) Raziya Sultan (b) Balban (c) Muhammad Ghori
3. Who succeeded Sher Shah Suri ?
(a) Ahmed Shah (b) Firoze Shah (c) Islam Shah
4. The Tomb of Akbar was built by.
(a) Akbar (b) Jahangir (c) Shah Jahan
5. 'Hundred temples' is at, capital of the Solankis.
(a) Mount Abu (b) Ranakpur. (c) Anhilwara
6. The capital of the Ahoms was at ...
(a) Guwahati. (b) Garhgaon. (c) Deogarh
7. Who wrote the famous Ramcharitmanas ?
(a) Tulsidas (b) Kabir (c) Chaitanya
8. Kathak is a popular dance form of
(a) North India (b) South India (c) East India
9. Dolerite and granite are examples of
(a) Igneous rocks (b) Sedimentary rocks (c) Metamorphic rocks
10. A detailed study of the interior of the Earth is done by
(a) Scientists. (b) Geologists (c) Seismologists

SUBJECT :SCIENCE

11. The mode of nutrition in which organisms make food themselves from simple substances is called
(a) Autotrophic nutrition (b) Heterotrophic nutrition
(c) Saprotrophic nutrition (d) All of the above
12. Salivary glands are located in
(a) Mouth (b) Liver
(c) Stomach (d) Large intestine
13. The process of removing the fleece of sheep along with a thin Layer of skin is called
(a) Rearing. (b) Shearing
(c) Sorting. (d) Scouring
14. The liquid metal used in a Thermometer is
(a) Mercury (b) Silver
(c) Gold (d) Copper
15. The solutions which do not change the colour of either red or blue litmus are known as
(a) Acid Solutions (b) Base Solutions
(c) Neutral Solutions (d) Indicator
16. The process of obtaining salt by the evaporation of sea water is called
(a) Crystallisation (b) Neutralization
(c) Galvanization (d) Amalgamation
17. The temperature, humidity and other factors are called:
(a) Elements of weather (b) Weather
(c) Climate (d) None of these
18. The soil containing same amount of large and fine particles is called
(a) Sandy soil (b) Loamy soil
(c) Clayey soil (d) Bricks
19. During exhalation the size of the chest cavity
(a) Decreases (b) Increases
(c) Remains the same (d) Get out of the lungs
20. The small openings in the body of a cockroach are called
(a) Holes. (b) Spiracles

- (c) Tracks (d) Pores
21. The cells in the blood which fight against the germs entering the body are
(a) RBC (b) WBC
(c) Platelets (d) Hemoglobin
22. An example of Oscillatory motion is
(a) Motion of a cycle wheel (b) Movement of a car on a straight road
(c) Motion of earth around the sun (d) Motion of a swing.
23. When electric current passes through a wire magnet. Then it behaves like a
(a) Magnetic effect of current (b) Electrical effect of current
(c) Heating effect of current (d) Optical effect of current
24. When an object is placed between the Focus and centre of curvature of concave mirror, then the image formed is.
(a) Real (b) Inverted
(c) Enlarged (d) All of the above
25. Forests are called.
(a) Green lungs (b) Black skin
(c) Red kidney (d) Brown heart
26. The water holding capacity is the highest in
(a) Sandy soil (b) Clayey soil
(c) Loamy soil (d) Mixture of sand and loam
27. Name the organism which breathes through its skin
(a) Cat (b) Human beings
(c) Dog (d) Earthworm
28. The basic unit of speed is
(a) Km/min (b) m/min
(c) km/h (d) m/s
29. The light that is reflected from a compact disc (CD) consists of
(a) Seven colours (b) Eight colours
(c) Five colours (d) Threecolours
30. Which of the following is a part of inorganic impurities of the sewage?
(a) Excreta (b) Garbage
(c) Phosphate (d) Vegetable waste

SUBJECT : ENGLISH

Reading Comprehension (Unseen Passage)

Read this passage and answer the questions below:

Hamad's family lived in a small house in a village. He had a small boat in which he used to go fishing. His wife looked after the house. She washed the clothes by hands. Hamad had two childrens, a son and a daughter. Both children went to school. In the afternoon they helped their mother. In the evening Hamad and his son went to the mosque. After dinner they listened to very interesting stories.

Choose the correct answer from a, b or c:

31. Hamad used to go _____
(a) Swimming (b) Fishing (c) Shopping
32. The mother looked after the _____
(a) School (b) Park (c) House
33. They have/had _____ children.
(a) Two (b) Four (c) Five
- What do the underlined words refer to:**
34. "She" refers to
(a) Hamad's wife (b) Hamad's Sister (c) Hamad's Children
35. "They" refers to
(a) Hamad's wife (b) Hamad's Sister (c) Hamad's Children

Answer the following questions:

36. How did the mother wash the clothes?
(a) Washing Machine (b) Hands (c) Helper
37. Where did Hamad and his son go in the evening?

(a) to play (b) to mosque (c) to school

38. Choose the correct form of voice:

She studies physics.

(a) Active (b) Passive

39. Choose the correct tense:

We are visiting our cousin next week.

(a) Future tense (b) Future continuous tense

40. Choose the correct collective noun:

A _____ of geese.

(a) Gaggle (b) Horde

41. Choose the suitable conjunction:

She has not spoken to me _____ she left the colony.

(a) For (b) Since (c) When

42. Choose the correct noun to complete the sentence:

I have no future _____ regarding her arrival.

(a) Information (b) Information's

Choose the option that has the correct order of adjective:

43. I am going to wear my _____ shirt for my cousin's wedding.

(a) New, silk, purple (b) New, purple, silk

44. I am going to drink tea from a _____ cup.

(a) Small, English, china (b) China, small, English

Fill in the blanks with correct pronoun:

45. The dentist _____ pulled out my tooth was an expert.

(a) Whom (b) Who

46. Are you still writing the essay? I finished _____ long ago.

(a) Yours (b) Mine

47. Fill in the blanks with correct adjective:

(a) _____ of the women were upset. (few / some / one)

(b) I bought _____ mangoes from the seller. (actual / nine / sixth)

Identify the type of sentences:

48. Do as you are told.

(a) Assertive (b) Imperative

49. Why are you so anxious?

(a) Interrogative (b) Assertive

Fill in the blank with correct article:

50. I need _____ glass of water.

(a) A (b) The

SUBJECT : MATHEMATICS

51. Add the following integers 45 and (-25).

(a) 20 (b) -20 (c) 70

52. Additive inverse of 11 is?

(a) 11 (b) -11 (c) None

53. Solve $2x+1=5$.

(a) 2 (b) -2 (c) 6

54. Find $(-13) \times 2$.

(a) 15 (b) -26 (c) 0

55. If $SP > CP$ then? (Where SP = Selling Price, CP = Cost Price)

(a) Profit (b) Loss (c) None

56. Find the product $2 \times \frac{1}{8}$:

(a) $\frac{1}{4}$ (b) 4 (c) $\frac{1}{2}$ (d) 2

57. $SP = 280$, $CP = 200$. Find loss/profit?

(a) 50 (b) 80 (c) 100 (d) 180

58. Multiply 0.2×7

- (a) 14 (b) 1.4 (c) 0.14 (d) None of the above
59. Add $\frac{2}{7}$ and $\frac{3}{7}$
- (a) $\frac{5}{7}$ (b) $\frac{7}{5}$ (c) 0 (d) 1
60. Write in exponential notation $7 \times 7 \times 7 \times 7 \times 7$.
- (a) 7^3 (b) 3^7 (c) 7^5 (d) 5^7
61. Solve the equation. $\frac{x}{8} = \frac{7}{4}$
- (a) 14 (b) 28 (c) $\frac{4}{7}$ (d) 56
62. Seven added to a number gives 100. Find the number.
- (a) 107 (b) 83 (c) 97 (d) 93
63. Express in simplest form 10 : 50
- (a) $\frac{2}{5}$ (b) $\frac{1}{5}$ (c) 5 (d) $\frac{5}{2}$
64. In a triangle, $\angle A = 90^\circ$, $\angle B = 30^\circ$. Then $\angle C = ?$
- (a) 40 (b) 50 (c) 60 (d) 70
65. Shilpa takes a loan of 3000Rs. at the rate of 2% for 2 years. Calculate the simple interest.
- (a) 120 (b) 1200 (c) 12 (d) None of the above

Mental Aptitude Test

66. What comes next? Circle, Triangle, Rectangle, Circle, Triangle, ...
- a) Circle b) Square c) Rectangle d) Triangle
67. Choose the odd one out: Algebra, Geometry, Calculus, Dictionary
- a) Algebra b) Geometry c) Calculus d) Dictionary
68. Find the odd one out: 16, 36, 49, 64, 81
- a) 16 b) 36 c) 49 d) 64
69. What is the missing number in the sequence: 1, 1, 2, 6, 24, ...?
- a) 120 b) 100 c) 72 d) 150
70. What number comes next in the series: 1, 1, 2, 3, 5, ...?
- a) 8 b) 10 c) 11 d) 13
71. If you have me, you want to share me. If you share me, you haven't got me. What am I?
- a) Money b) Love c) A secret d) Happiness
72. If you throw a red stone into the blue sea what will it become?
- a) It becomes wet b) It sinks
c) It changes colour d) It disappears
73. If there are 3 apples and you take away 2, how many do you have?
- a) 1 b) 2 c) 3 d) 5
74. A man is looking at a photograph of someone. His friend asks who it is. The man replies, "Brothers and sisters, I have none. But that man's father is my father's son." Who is the man in the photograph?
- a) The man's son b) The man himself
c) The man's father d) The man's brother

75. A man is 24 years older than his son. In 2 years, his age will be twice his son's age. What is the son's current age?
 a) 20 b) 21 c) 22 d) 23
76. If 'SCHOOL' is coded as 'SXPNNLD', how is 'HOME' coded?
 a) HPNLD b) HNQMF c) HPNLF d) HPLNE
77. It takes 5 workers 5 minutes to make 5 widgets. How long would it take 100 workers to make 100 widgets?
 a) 5 minutes b) 100 minutes c) 20 minutes d) 1 minute
78. If A is the father of B and C, and D is the mother of B and E, how is E related to C?
 a) Brother b) Sister c) Half-brother d) Cousin
79. How many months have 28 days?
 a) 1 b) 2 c) 6 d) All of them
80. M is the brother of N. N is the daughter of O. O is the wife of P. How is M related to P?
 a) Son b) Daughter c) Brother d) Nephew

SUBJECT :Computer

81. _____ creates a link between a user and the computer
 a) Device Driver b) Utilities
 c) Operating System d) Image Viewer
82. The connection of computers which are communicated to each other through various communication channels.
 a) Computer network b) Internet
 c) E-mail d) None of these
83. NIC stands for
 a) Not In Connection b) Network Interface Card
 c) New Instruction Card d) Newly Inserted Card
84. This network connects the computers and the devices in a limited geographical area such as home, school, building etc.
 a) LAN b) WAN c) WLAN d) MAN
85. The Set Of Instructions Given To The Computer.
 a) Program b) Commands c) Hardware d) Software
86. _____ introduced the concept of 0(zero).
 a) Ada lovelace b) Aryabhat c) Charles Babbage d) None of these
87. A _____ converts the decimal format into its binary equivalent.
 a) Digital computer b) Cell phone c) Abacus d) None of these
88. A computer understand only the _____ code.
 a) English b) French c) Binary d) None of these
89. In Binary multiplication, 1 X 1 equals to _____.
 a) 0 b) 1 c) 2 d) None of these
90. The process of exchanging information, data etc from one computer to another.
 a) Computer communication b) Migration
 c) Translation d) None of these