



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 question is left unattempted.
- 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/BLACK 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 provided 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)

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
 (d) 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?

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

59. (a) 14 (b) 1.4 (c) 0.14 (d) None of the above
 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

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, 1×1 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