



MSAT – 2026

(MAHARISHI SCHOLARSHIP CUM ADMISSION TEST)

For Students presently in Class – 05

(going to class – 6 in 2027)

SAMPLE PAPER

Disclaimer: This is a sample paper provided for practice purposes only. The level of difficulty, type of questions, and total number of questions may vary in the actual examination.

General Instructions:

Time: 180 minutes

Maximum Marks: 270

- Please read the instructions carefully. You are allotted 5 minutes specifically for this purpose.
- Do not start filling the OMR sheet before the announcement from the invigilator.
- Do not keep the OMR sheet exposed to others.
- Shade the correct answers only in the OMR sheet given. Do not write or mark answers or symbols (Like ✓, •, X ...) anywhere in the questions paper.
- You are allowed to carry this Question Paper Booklet after the exam.
- Kindly ensure to submit your OMR answer sheet to the invigilator after the Exam.
- Use only blue or black ball point Pen or Pencil to fill all the information on the OMR sheet and for giving responses.
- Students need to write their registration number in the space provided for the same on the OMR.
- Any usage of Electronic gadgets like Mobile Phones, Calculator, Digital Watch etc....is strictly prohibited.
- Multiple markings will be treated as invalid response.
- Do not fold the OMR sheet.
- This Question Paper booklet contains **5 Sections**.

Name of the Candidate : _____

Registration Number : _____

Section	Subject	Question No.	Marking Scheme for each questions	
			Correct Answer	Wrong Answer
I	MENTAL ABILITY	1 to 30	+1	0
II	MATHS	1 to 35	+3	- 1
III	PHYSICS	1 to 15	+3	- 1
IV	CHEMISTRY	1 to 15	+3	- 1
V	BIOLOGY	1 to 15	+3	- 1

MAT

Section – I

Single Answer Questions

1. If TABLE is written as ELBAT, how is CHAIR written?
(A) IRACH (B) RIAHC (C) HRIAC (D) RIHAC
2. Find the odd one out : Apple, Banana, Grapes, Carrot, Mango
(A) Apple (B) Banana (C) Carrot (D) Mango
3. If CAT is coded as 3120, what is the code for DOG?
(A) 4715 (B) 4157 (C) 7615 (D) 5716
4. Complete the analogy : fish is to water as Bird is to?
(A) Sky (B) Tree (C) Nest (D) Worm
5. What comes next in the pattern : A, C, F, J,?
(A) K (B) O (C) M (D) N
6. If A is married to B, and B is the brother of C, how is A related to C?
(A) Sister in law (B) Aunt (C) Mother (D) Cousin
7. Complete the sequence : 1, 1, 2, 6, 24,?
(A) 120 (B) 36 (C) 48 (D) 30
8. What day comes three days after the day before yesterday if today is Wednesday?
(A) Friday (B) Saturday (C) Sunday (D) Monday
9. Find the missing term in each of the following 4, 7, 12, 19, 28, _____
(A) 30 (B) 36 (C) 39 (D) 49
10. If M is the mother of N, and N is the mother of O, how is O related to M?
(A) Daughter (B) Grand daughter (C) Niece (D) Sister
11. If 'TREE' is coded as 'REET', how is 'LAMP' coded?
(A) AMPL (B) PALM (C) MLAP (D) MPAL
12. In a certain pattern, $7 = 14$, $8 = 16$, then what does 9 equal?
(A) 17 (B) 18 (C) 19 (D) 20
13. Which term comes next in the sequence: 'January', 'February', 'March',?
(A) April (B) May (C) June (D) July
14. Rohani ranks seventh from the top and twenty sixth from the bottom in a class. How many students are there in the class?
(A) 33 (B) 31 (C) 35 (D) 32
15. Complete the analogy : Book is to reading as Fork is to?
(A) Cooking (B) Eating (C) Serving (D) Cutting
16. Which number is next in the sequence: 1, 1, 2, 3, 5, 8,?
(A) 10 (B) 11 (C) 13 (D) 15
17. Identify the odd one out : Dog, Cat, Lion, Fish
(A) Dog (B) Cat (C) Lion (D) Fish

18. Spot the odd one out : Sun, Moon, Star, Car
(A) Sun (B) Moon (C) Star (D) Car
19. If $5 \times 5 = 26$, $6 \times 6 = 37$, and $7 \times 7 = 50$, what is 8×8 ?
(A) 67 (B) 66 (C) 65 (D) 61
20. Which one does not belong : Red, Green, Blue, Circle
(A) Red (B) Green (C) Blue (D) Circle
21. Which word complete the analogy : Cold is to ice as Heat is to?
(A) Sun (B) Fire (C) Water (D) Vapor
22. If 'glass' is coded as 'ssalg', how is 'plate' coded?
(A) etalp (B) telap (C) epatl (D) eplat
23. If 'car' is to 'road' as 'boat' is to?
(A) air (B) track (C) water (D) rail
24. What comes next in the pattern : Z, X, V, T,?
(A) S (B) R (C) Q (D) P
25. In a line of children, a child is 5th from either end of the line. How many children are there in the line?
(A) 9 (B) 10 (C) 11 (D) 12
26. If $2 * 5 = 52$, $3 * 6 = 63$, $4 * 7 = 74$, what is $5 * 8$?
(A) 85 (B) 58 (C) 158 (D) 185
27. P is 40m south – west of Q. R is 40m south – east of Q. Then R is in which direction of P?
(A) North – East (B) East (C) West (D) South
28. Modi is fourteenth from the right end in a row of 40 girls. What is his position from the left end?
(A) 26th (B) 28th (C) 25th (D) 27th
29. Modi performing yoga with his head down and legs up. His face is towards the west. In which direction will his left hand be ?
(A) North (B) South (C) East (D) West
30. Complete the series : 2, 5, 9, _____, 20, 27
(A) 16 (B) 18 (C) 24 (D) 14

MATHS**Section – II****Single Answer Questions**

1. $2\frac{3}{4}$ is same as
(A) $\frac{10}{4}$ (B) $\frac{11}{4}$ (C) $\frac{4}{11}$ (D) $\frac{2}{5}$
2. Sum of $2.99 + 0.004$ is _____
(A) 3.04 (B) 3.13 (C) 2.994 (D) 2.13
3. 202.526 is read as
(A) Two hundred and two point five hundred and twenty six (B) Two hundred and two point five two six

- (C) Two thousand twenty five and twenty six (D) None
4. Value of $\frac{10+11+12+13+14+15}{5}$ is _____
(A) 15 (B) 14 (C) 17 (D) 16
5. An equivalent fraction of $\frac{3}{7}$ has denominator 49, then its numerator will be _____
(A) 49 (B) 7 (C) 3 (D) 21
6. Sum of $\frac{2025}{2024} + \frac{2026}{2024}$ is _____
(A) $\frac{4051}{4048}$ (B) $\frac{4041}{4048}$ (C) $\frac{4061}{2024}$ (D) $\frac{4051}{2024}$
7. $3.14 \times 0.5 =$ _____
(A) 6.28 (B) 0.628 (C) 25.7 (D) 1.57
8. $3\frac{1}{2} - 2\frac{1}{2} =$ _____
(A) $\frac{1}{2}$ (B) $\frac{5}{2}$ (C) 1 (D) $\frac{2}{3}$
9. What fraction of a day is 6 hrs
(A) $\frac{1}{4}$ (B) $\frac{1}{8}$ (C) $\frac{1}{6}$ (D) $\frac{2}{3}$
10. A fraction equivalent to $7\frac{4}{5}$ is
(A) $7 - \frac{4}{5}$ (B) $7 \times \frac{4}{5}$ (C) $7 + \frac{4}{5}$ (D) $7 \div \frac{4}{5}$
11. Number of even factors of 30 is _____
(A) 6 (B) 4 (C) 8 (D) 2
12. $\frac{2.25}{0.5} =$ _____
(A) 45 (B) 450 (C) 0.45 (D) 4.5
13. Total number of factors of 100 are
(A) 10 (B) 9 (C) 8 (D) 11
14. Number of multiples of 12 between 80 and 130 is _____
(A) 4 (B) 5 (C) 3 (D) 6
15. $7 + \frac{4}{5} + 8 + \frac{2}{5} + 9 + \frac{1}{5} + 10 + \frac{3}{5} =$ _____
(A) 34 (B) 35 (C) 36 (D) None
16. $2025 - 2024 + 2023 - 2022 + 2021 - 2020 + 2019 - 2018 + 2017 - 2016 + \dots + 3 - 2 + 1 =$ _____

17. (A) 1010 (B) 1012 (C) 1011 (D) 1013
 $12 \times \frac{3}{4} = \underline{\hspace{2cm}}$
- (A) 36 (B) 12 (C) 6 (D) 9
18. Which of the following is a multiple of '6' but not a multiple of '8' _____
(A) 46132 (B) 56234 (C) 67224 (D) 77730
19. Number of common factors of 20 and 36
(A) 1 (B) 2 (C) 3 (D) 4
20. $\frac{4}{5} \div \frac{16}{25} = \underline{\hspace{2cm}}$
(A) $\frac{1}{4}$ (B) $\frac{5}{4}$ (C) $1\frac{1}{4}$ (D) Both B & C
21. $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \frac{4}{5} \times \frac{5}{6} \times \frac{6}{7} \times \frac{7}{8} \times \frac{8}{9} = \underline{\hspace{2cm}}$
(A) 1 (B) 9 (C) $\frac{1}{9}$ (D) None of these
22. $A = 2025$, $B = 2024$ then $(A + B) \times (A - B) = \underline{\hspace{2cm}}$
(A) 4049 (B) 2025 (C) 2024 (D) None
23. $0.002 \times 0.04 = \underline{\hspace{2cm}}$
(A) 0.8 (B) 0.00008 (C) 0.0008 (D) 0.008
24. Value of $1.23 + 12.3 + 0.123 + 123 = \underline{\hspace{2cm}}$
(A) 136.653 (B) 136.563 (C) 136.365 (D) 136.635
25. Place value of 5 in 654321 is _____
(A) 5 (B) 500 (C) 50000 (D) 5000
26. Difference between place value and face value of '3' in 93654 is
(A) 2799 (B) 2977 (C) 2997 (D) 2797
27. $\frac{1}{\left(\frac{2}{3}\right)} + \frac{1}{\left(\frac{2}{7}\right)} = \underline{\hspace{2cm}}$
(A) 4 (B) 5 (C) 6 (D) 7
28. $3 + \frac{2}{5} = \underline{\hspace{2cm}}$
(A) Reciprocal of $\frac{17}{5}$ (B) Additive inverse of $\frac{5}{17}$
(C) Reciprocal of $\frac{5}{17}$ (B) Additive inverse of $\frac{17}{5}$

29. Multiplicative inverse of $\frac{-11}{13}$ is
(A) $\frac{11}{13}$ (B) $\frac{13}{11}$ (C) $\frac{-11}{13}$ (D) $\frac{-13}{11}$
30. Additive inverse of $\frac{1}{2025}$ is
(A) 2025 (B) -2025 (C) $\frac{-1}{2025}$ (D) $\frac{1}{2025}$
31. $300 + 3 + \frac{3}{10} + \frac{3}{100} =$ _____
(A) 30.33 (B) 303.33 (C) 3033.3 (D) 3.033
32. 12.3456 Expanded form is
(A) $10 + 20 + \frac{3}{10} + \frac{4}{100} + \frac{5}{1000} + \frac{6}{10000}$
(B) $10 + 2 + \frac{3}{10} + \frac{4}{100} + \frac{5}{1000} + \frac{6}{10000}$
(C) $100 + 20 + \frac{3}{10} + \frac{4}{100} + \frac{5}{1000} + \frac{6}{10000}$
(D) None
33. $4\frac{2}{5} + 7\frac{1}{5} + 11\frac{3}{5} =$ _____
(A) $23\frac{1}{5}$ (B) $21\frac{1}{5}$ (C) $22\frac{1}{5}$ (D) $24\frac{1}{5}$
34. Sum of Additive inverse of a number and the number itself is _____
(A) 1 (B) 0 (C) Number itself (D) None
35. Quotient and Remainder when 2025 is divided by '3' are _____
(A) Quotient:675 Remainder : 1 (B) Quotient:665 Remainder : 1
(C) Quotient:665 Remainder : 0 (D) Quotient:675 Remainder : 0

PHYSICS**Section - III****Single Answer Questions**

1. A football kicked by a girl rolls on the ground for some distance and stops. The force that stops the ball is
(A) Muscular force (B) gravitational force (C) frictional force (D) None of these
2. We get tidal energy from _____.
(A) sea waves (B) wind (C) sun (D) all of these
3. The length of string is 530 cm. It is equal to
(A) 5.30 m (B) 53 m (C) 530 m (D) None of these
4. _____ is done when a force moves an object through some distance.
(A) Energy (B) work (C) force (D) all of these
5. Which instrument is used to measure time?
(A) Thermometer (B) Stop watch (C) Measuring tape (D) Compass

6. Electric gadget work because of _____ energy.
(A) electrical (B) light (C) sound (D) none of these
7. An electric heater converts
(A) Heat energy to electrical energy (B) Muscular energy to electrical energy
(C) Electrical energy to heat energy (D) electrical energy to muscular energy
8. Which of the following is NOT a unit of length?
(A) Kilometre (B) Centimetre (C) Gram (D) Millimetre
9. Which energy (or energies) we get by burning of fuels?
(A) light (B) heat (C) both (a) and (b) (D) none of these
10. What is the force that attracts objects toward the Earth's centre?
(A) Magnetic force (B) Muscular force (C) Gravitational force (D) Frictional force
11. Which of the following is an example of potential energy?
(A) A moving car (B) Water stored in a tank
(C) A running boy (D) Wind energy
12. The energy possessed by a body by virtue of it's motion is called
(A) Potential energy (B) Kinetic energy (C) Gravitational energy (D) None of these
13. Wind energy is used to generate electricity in a _____.
(A) Wind mill (B) flour mill (C) rice mill (D) none of these
14. 45 m is equal to
(A) 0.45Km (B) 0.045Km (C) 4.5 Km (D) none of these
15. In which of the following case, a force is applied but work is not done?
(A) While pushing a fixed wall (B) while kicking a football
(C) While catching a cricket ball (D) while riding a bicycle

CHEMISTRY**Section – IV****Single Answer Questions**

1. The Process of changing solid directly into gas is called
(A) Evaporation (B) Condensation (C) Sublimation (D) Freezing
2. Which gas do humans need to breathe to survive?
(A) Carbon dioxide (B) Oxygen (C) Nitrogen (D) Helium
3. Which of the following is an example of a metamorphic rock?
(A) Basalt (B) Limestone (C) Marble (D) Sandstone
4. What happens to water when it is cooled to 0°C ?
(A) It evaporates (B) It condenses (C) it freezes (D) It melts
5. Which rock is formed by cooling of molten lava?
(A) Igneous (B) Sedimentary (C) Metamorphic (D) Fossil rock
6. Which of the following is a fossil fuel?
(A) Granite (B) Coal (C) Basalt (D) Marble

7. Why do clothes dry faster on a windy day?
(A) Wind removes water from clothes (B) Wind increases evaporation
(C) Wind adds heat to clothes (D) Wind changes water into ice
8. Which rock often contains fossils?
(A) Igneous (B) Sedimentary (C) Metamorphic (D) Basalt
9. Sandstone is formed by
(A) Cooling of molten magma (B) Compression of sand particles over time
(C) Transformation of limestone (D) Evaporation of salty water
10. When water is heated, why does it change into steam?
(A) Water molecules move faster and escape as gas (B) Water molecules slow down
(C) Heat removes molecules (D) Water turns into ice first
11. Which property of particles explains why gases can be compressed easily?
(A) They have strong forces of attraction (B) They are far apart with lots of empty space
(C) They have fixed positions (D) They are tightly packed
12. Which of the following is an example of physical change ?
(A) Burning of coal (B) Rusting of iron (C) Freezing of water (D) Rotting of wood
13. A block of ice was left in a room. After some time, it turned into water and later disappeared completely. Which two processes took place one after the other?
(A) Condensation and freezing (B) Melting and evaporation
(C) Freezing and condensation (D) Melting and condensation
14. Which process is used to separate dissolved salts from seawater?
(A) Condensation (B) Evaporation (C) Freezing (D) Sedimentation
15. A closed bottle of cold drink is taken out on a hot day. Drops of water appear on the outside of the bottle. This is because
(A) The drink is leaking (B) Water Evaporates from the bottle
(C) Water vapour in air condenses on the cold surface (D) The bottle produces water

BIOLOGY**Section – IV****Single Answer Questions**

1. Bread Spoilage due to microbial growth is generally known as
(A) Spots (B) Moulds (C) Cankers (D) Wilt
2. Which among the following methods prevents air from getting in during food preservation?
(A) Refrigerating (B) Freezing (C) Oiling (D) Drying
3. The food we eat is teared well for digestion by
(A) Incisors (B) Premolars (C) Molars (D) Canine
4. When the food gets spoiled, there occurs change in
(A) Flavour of the food (B) Colour and appearance
(C) Odor of the food (D) Any of these
5. Cereals and pulses can be stored for longer period of time by
(A) Freezing (B) Cold storage
(C) Storing in air tight containers (D) Pickling

6. Which among the following does not contain any nutrient?
(A) Protein (B) Roughage (C) Vitamin (D) Minerals
7. What helps in proper digestion, proper functioning of body and removal of wastes?
(A) Nutrients (B) Vitamins (C) blood (D) Water
8. All citrus fruits are rich in
(A) Vitamin A (B) Vitamin B (C) Vitamin C (D) Vitamin D
9. Which of the following is a must for a seed to germinate?
(A) Water (B) Warmth (C) Air (D) All of these
10. Identify the products of Photosynthesis
(A) Water (B) Glucose (C) Oxygen (D) Both B and C
11. The process helps to add nutrients into the soil
(A) Ploughing (B) Levelling (C) Manuring (D) Irrigation
12. The process by which a seed produces a seedling
(A) Sowing (B) Sprouting (C) Germination (D) Bothing B & C
13. Which among the following produces new plants from their leaf buds?
(A) Rose (B) Onion (C) Potato (D) Byophyllum
14. The leaves appear green due to the presence of
(A) Carotenoids (B) chlorophyll (C) Xanthophyllis (D) Anthocyanins
15. Which among the following attracts insects for pollination?
(A) Sepals (B) Stamens (C) Petals (D) Pistil

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Space for rough work

MAHARISHI

Answer key Class - 5**MAT**

1. B	2. C	3. B	4. A	5. B
6. A	7. A	8. A	9. C	10. B
11. A	12. B	13. A	14. D	15. B
16. C	17. D	18. D	19. C	20. D
21. B	22. A	23. C	24. B	25. A
26. A	27. B	28. D	29. A	30. D

MATHS

1.B	2.C	3.B	4.A	5.D
6.D	7.D	8.C	9.A	10.C
11.B	12.D	13.B	14.A	15.C
16.D	17.D	18.D	19.C	20.D
21.C	22.A	23.B	24.A	25.C
26.C	27.B	28.C	29.D	30.C
31.B	32.B	33.A	34.B	35.D

PHYSICS

1. C	2. A	3.A	4.B	5. B
6. A	7.C	8.C	9.C	10. C
11. B	12.B	13.A	14. B	15. A

CHEMISTRY

1.C	2.B	3.C	4.C	5.A
6.B	7.B	8.B	9.B	10.A
11.B	12.C	13.B	14.B	15.C

BIOLOGY

1.B	2.C	3.D	4.D	5.C
6.B	7.D	8.C	9.D	10.D
11.C	12.D	13.D	14.B	15.C

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