



MSAT – 2026

(MAHARISHI SCHOLARSHIP CUM ADMISSION TEST)

For Students presently in Class – 06

(going to class – 7 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**.

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

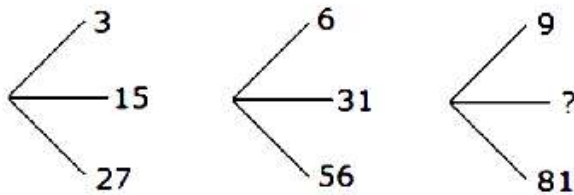
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Name of the Candidate	:	_____
Registration Number	:	_____

MAT**Section – I****Single Answer Questions**

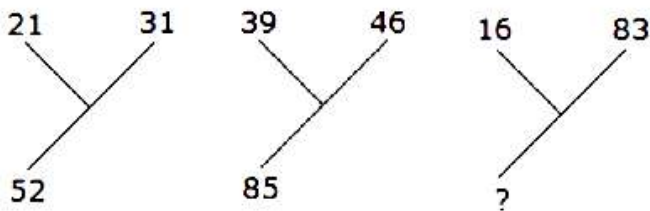
1. In the series 2, 5, 10, 17, 26, ? What will be the next term?
(A) 38 (B) 40 (C) 37 (D) 44
2. What comes next in the series: 144, 121, 100, 81,?
(A) 64 (B) 49 (C) 36 (D) 25
3. Find the next term in the given series. K1F,M3E,08D,Q19C, ?
(A) S37c (B) S42R (C) S42B (D) T42A
4. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
_ab_b_aba__abab
(A) abbaa (B) bbaab (C) abaab (D) aaaba
5. In a row of 5 persons, A is sitting third to the right of B and fourth to the right of C. D is sitting immediate left of A and immediate right of E. Who is sitting at the extreme left end?
(A) A (B) B (C) C (D) D
6. In a circular arrangement of 5 persons, A is sitting between B and C, D is sitting immediate right of C and E is sitting immediate left of B. Who is sitting between D and B?
(A) A (B) B (C) C (D) E
7. One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?
(A) East (B) West (C) North (D) South
8. A man walks 5km toward south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?
(A) West (B) South (C) North – East (D) South – West
9. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother". How is Suresh related to that boy?
(A) Brother (B) Uncle (C) Cousin (D) Father
10. If A is the brother of B, B is the sister of C, and C is the father of D. how D is related to A?
(A) Brother (B) Sister (C) Nephew (D) cannot be determined
11. Choose the alternative which is closely resembles the mirror image of the given combination
MALAYALAM
(1) MALAYALAM (2) MAJAYAJAM
(3) MALAYALAM (4) MAGAYAGAM
(A) 1 (B) 2 (C) 3 (D) 4
12. Choose the alternative which is closely resembles the mirror image of the given combination
GEOGRAPHY
(1) YHPARGOEG (2) YHPARGOEG
(3) YHPARGOEG (4) YHPARGOEG
(A) 1 (B) 2 (C) 3 (D) 4

13. Marathon is to race as hibernation is to
(A) Winter (B) bear (C) dream (D) sleep
14. Cup is to coffee as bowl is to
(A) dish (B) soup (C) spoon (D) food
15. Play is to actor as concert is to
(A) symphony (B) musician (C) piano (D) percussion
16. Choose the word which is different from the rest
(A) Kiwi (B) Eagle (C) Emu (D) Ostrich
17. Identify the item that does not belong in the group
(A) Rose (B) Tulip (C) Lotus (D) Apple
18. Which one will replace the question mark?



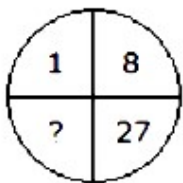
- (A) 45 (B) 41 (C) 32 (D) 40

19. Which one will replace the question mark?



- (A) 92 (B) 72 (C) 62 (D) 99

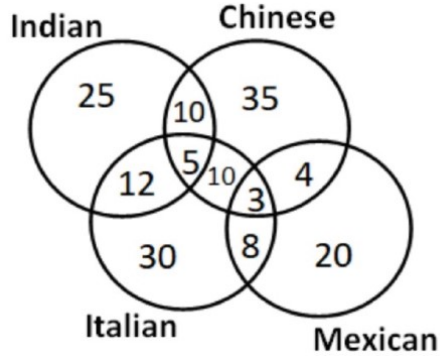
20. Which one will replace the question mark?



- (A) 41 (B) 64 (C) 35 (D) 61

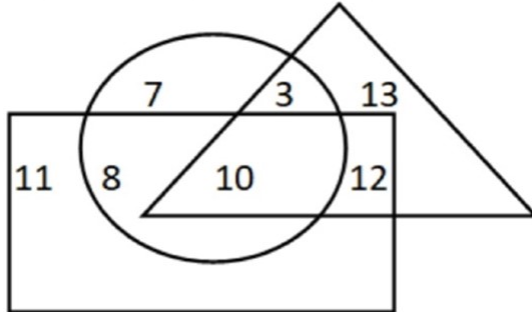
21. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?
(A) 71 years (B) 72 years (C) 74 years (D) 77 years

22. The following diagram shows the number of people who eat Indian, Chinese, Italian and Mexican dishes. If the total number of people is 100, then what is the number of people who eats Indian and Chinese but not Italian or Mexican?



- (A) 18 (B) 12 (C) 10 (D) 11

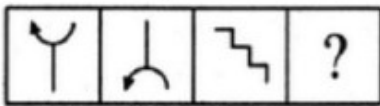
23. If triangle represents Men, rectangle represents Business man and circle represents Millionaire. Then which number represents Men that are both Businessman and Millionaire?



- (A) 10 (B) 12 (C) 8 (D) 3

24. Select a suitable figure from the Answer Figure that would replace the question mark (?)

Problem Figures:

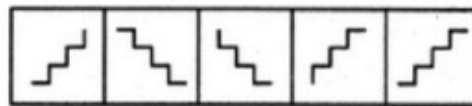


(A) (B) (C) (D)

(A) 1

(B) 2

Answer Figures:



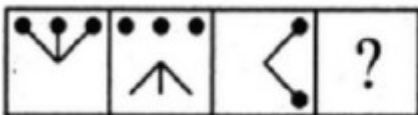
(1) (2) (3) (4) (5)

(C) 3

(D) 4

25. Select a suitable figure from the Answer Figure that would replace the question mark (?)

Problem Figures:

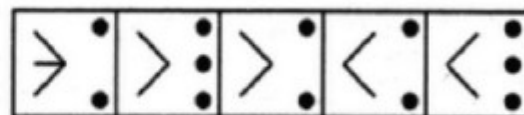


(A) (B) (C) (D)

(A) 1

(B) 2

Answer Figures:



(1) (2) (3) (4) (5)

(C) 3

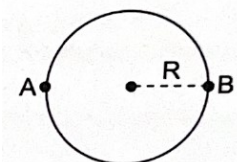
(D) 4

7. If $p = (-1)^{205}$ and $q = (-1)^{202}$, then $p + q$ is
(A) $(-1)^{407}$ (B) $(-1)^4$ (C) 0 (D) none of these
8. A student gets 4 marks for a correct answer and 1 mark is deducted for a wrong answer. If she has done 80 questions at all and she has gotten only 240 marks. Then number of correct answers she has attempted is
(A) 40 (B) 60
(C) 64 (D) can't be determined
9. Surbhi opened her account in a bank by depositing Rs.36000. The next day she withdraw Rs.13129 from it. How much money was left in her account?
(A) Rs.22871 (B) Rs.46120 (C) Rs.2612 (D) None of these
10. Quotient =
(A) $\frac{\text{Divisor} - \text{Remainder}}{\text{Dividend}}$ (B) $\frac{\text{Dividend} - \text{Remainder}}{\text{Divisor}}$
(C) $\frac{\text{Dividend} + \text{Remainder}}{\text{Divisor}}$ (D) None of these
11. Predecessor of 0 as a whole number is
(A) -1 (B) +1 (C) itself 0 (D) doesn't exist
12. The value of $51 \times 53 - 53 \times 51$ is
(A) 2 (B) 0 (C) 215 (D) none of these
13. The sum of present ages of 5 brothers is 120 years. How many years ago the sum was 80 years
(A) 6 (B) 7 (C) 8 (D) 9
14. The difference of largest and smallest three digit whole number is
(A) 699 (B) 799 (C) 899 (D) 999
15. If $N = 5 \div (3 \div 2)$, $M = (5 \div 3) \div 2$, then the value of $N + M$ is
(A) $\frac{25}{3}$ (B) $\frac{25}{6}$ (C) $\frac{25}{9}$ (D) $\frac{25}{18}$
16. The number of all two digit numbers which have both the digits same is
(A) 8 (B) 7 (C) 9 (D) 10
17. The quotient when 312567 is divided by 4 is
(A) 78142 (B) 78143 (C) 78144 (D) 78141
18. The number of divisors every prime number has
(A) 0 (B) 1 (C) 2 (D) 3
19. Every student contributed Rs.21 for a charity cause. Find the total amount raised if the number of students are 51
(A) 1071 (B) 1075 (C) 1073 (D) 1074
20. The value of digit A in 8928A if it is divisible by 10 is equal to
(A) 5 (B) 9 (C) 0 (D) 1

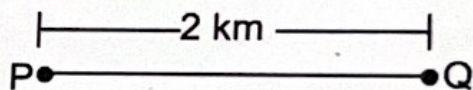
21. A number divisible by 63 is also
(A) divisible by 3 and 4 (B) divisible by 3 and 5
(C) divisible by 3 and 7 (D) divisible by 9 and 12
22. If $4 \times y \times 7$ is exactly divisible by 3, then the least value of $(x + y)$ is
(A) 1 (B) 4 (C) 5 (D) 7
23. A total of 1152 students were assembled in rows and columns. If there are n rows and $\frac{n}{2}$ columns, then find number of students in each row?
(A) 36 (B) 42 (C) 48 (D) 24
24. The sum of the digits of a two – digit number is 8. The number obtained by interchanging its digits is 18 more than the original number. The original number is
(A) 35 (B) 40 (C) 30 (D) 20
25. Number of factors of 68 is _____
(A) 4 (B) 5 (C) 6 (D) 7
26. The cost of 16 flats constructed by one company is Rs.24809520. What is the cost of each flat?
(A) Rs.150095 (B) 1550595 (C) Rs.1650595 (D) Rs.1950695
27. The unit digit in the sum $(14 + 24 + 34 + 44 + 54)$ is equal to
(A) 4 (B) 0 (C) 6 (D) 2
28. By how much is three – fifth of 350 greater than four seventh of 210?
(A) 95 (B) 110 (C) 120 (D) 90
29. If $4300731 - x = 2535619$, then the value of x equal to
(A) 1865113 (B) 1775123 (C) 1765112 (D) 1675123
30. The difference of $1\frac{3}{16}$ and its reciprocal is equal to
(A) $1\frac{1}{8}$ (B) $\frac{114}{123}$ (C) $\frac{105}{116}$ (D) $\frac{105}{304}$
31. The value of $4\frac{1}{2} \times 4\frac{1}{3} - 8\frac{1}{3} \div 5\frac{2}{3}$ is equal to
(A) $18\frac{1}{34}$ (B) $18\frac{2}{34}$ (C) $18\frac{3}{34}$ (D) $18\frac{4}{34}$
32. $2 - [2 - \{2 - 2(2 + 2)\}]$ is equal to
(A) -4 (B) 4 (C) -6 (D) none of these
33. The value of $12.05 \times 5.4 \div 0.6$ is equal to
(A) 108.45 (B) 109.45 (C) 111.45 (D) 1084.5
34. x is the smallest four – digit number formed by all the digits 0, 1, 2 and 3. Find x
(A) 1230 (B) 1023 (C) 1000 (D) 102
35. If 7×8 is exactly divisible by 9, then the least value of x is
(A) 0 (B) 2 (C) 3 (D) 5

PHYSICS**Section – III****Single Answer Questions**

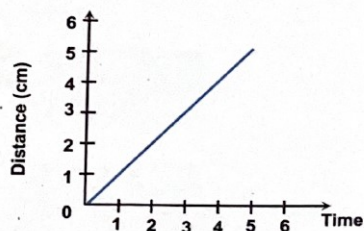
1. The K in the MKS system stands for
(A) Kilometre (B) Kilogram (C) Ton (D) Doesn't mean anything
2. What is the SI unit of length?
(A) Foot (B) Inch (C) Metre (D) Yard
3. Why did the measurements of a table differ among different people using their hand spans to measure?
(A) They measure different tables
(B) Their handspans are of different sizes
(C) They use different units
(D) The table length changes with energy measurement
4. What type of motion does a swing exhibit?
(A) Linear motion (B) Circular motion (C) Oscillatory motion (D) Random motion
5. What type of motion does a car moving on a straight road exhibit?
(A) Circular motion (B) Linear motion (C) Oscillatory motion (D) Rotational motion
6. A person moves from point A to B in a circular path of radius 'R'. The distance covered by him



- (A) Zero (B) πR (C) $2\pi R$ (D) $2R$
7. A car travels from point P to Q and come back at it's starting point 'P'. Distance covered by it

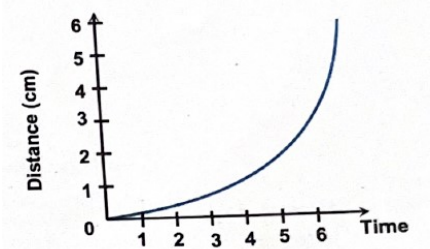


- (A) 2km (B) 8 km (C) 0 km (D) 4 km
8. 36 km/hr is same as
(A) 36 m/s (B) 3.6 m/s (C) 10 m/s (D) 100 m/s
 9. What kind of motion does the distance time graph of an object represent?



- (A) Non uniform motion (B) Uniform motion
(C) The object is at rest (D) Meaningless graph

10. The speed of a body can never be
(A) Positive (B) Zero (C) Negative (D) Both (A) & (B)
11. What kind of motion does the distance time graph of an object represent?



- (A) Non uniform motion (B) Uniform motion
(C) The object is at rest (D) Meaningless graph
12. Motion of a pendulum is an example of
(A) Periodic Motion (B) Circular Motion
(C) Rectilinear Motion (D) None of these
13. One complete to and fro motion is called as
(A) amplitude (B) Oscillation (C) Period of pendulum (D) None of these
14. Number of seconds in one day is
(A) 24000 (B) 86400 (C) 8640 (D) 64000
15. One micro second is equal to
(A) 10^6 seconds (B) 10^{-6} seconds (C) 10^3 seconds (D) 10^{-3} seconds

CHEMISTRY

Section – IV

Single Answer Questions

1. Which of the following is not a natural material?
(A) Cotton (B) Wood (C) Plastic (D) Stone
2. The material used for making window panes is
(A) Glass (B) Rubber (C) Cloth (D) Plastic sheet
3. Which of these materials is soft and can be easily cut with a knife?
(A) Iron (B) Aluminium (C) Wood (D) Chalk
4. Which material is transparent?
(A) Card board (B) Glass (C) Wood (D) Aluminium foil
5. Which of these floats on water?
(A) Stone (B) Coin (C) Wooden block (D) Iron nail
6. Which is the hardest natural substance?
(A) Iron (B) Gold (C) Diamond (D) Silver
7. Which material is best suited for making utensils?
(A) Clay (B) Glass (C) Aluminium (D) Wood
8. Which material is used for making chalk?
(A) Limestone (B) Marble (C) Cement (D) Granite

9. Which property of metals is used in making electrical wires?
(A) Ductility (B) Transparency (C) Elasticity (D) Hardness
10. Which material is non – metal and does not conduct electricity?
(A) Iron (B) Aluminium (C) Copper (D) Rubber
11. Which of the following is an example of an opaque material?
(A) Air (B) Glass (C) Stone (D) Water
12. A tumbler made of which material is least likely to break if dropped?
(A) Glass (B) Plastic (C) China Clay (D) Ceramic
13. Ramesh wants to make a handle of a frying pan. Which material is most suitable?
(A) Iron (B) Wood (C) Aluminium (D) Copper
14. A shopkeeper wants to pack sugar in small packets. Which material is best suited?
(A) Cotton cloth (B) Paper bag (C) Polythene (D) Aluminium sheet
15. A bucket made of which material will be the lightest to carry when empty?
(A) Iron (B) Aluminium (C) Plastic (D) Copper

BIOLOGY**Section – V****Single Answer Questions**

1. Which of the following is a herbivore?
(A) Lion (B) Cow (C) Crow (D) Dog
2. The green plants prepare their own food using _____.
(A) Water, sunlight, carbon dioxide (B) Oxygen, water, nitrogen
(C) Sunlight, oxygen, nitrogen (D) Water, proteins, minerals
3. Which among the following is a rich source of carbohydrates?
(A) Rice (B) Egg (C) Milk (D) Fish
4. Which vitamin is produced in our skin in the presence of sunlight?
(A) Vitamin A (B) Vitamin B (C) Vitamin C (D) Vitamin D
5. The process of removal of husk from grains is called:
(A) Winnowing (B) Threshing (C) Grinding (D) Filtration
6. Deficiency of iodine causes:
(A) Night blindness (B) Goitre (C) Scurvy (D) Rickets
7. Which of the following statements is correct about omnivores?
(A) They eat only plants (B) They eat only animals
(C) They eat both plants and animals (D) They eat only fruits
8. The main function of roughage in our diet is:
(A) To provide energy (B) To aid digestion and bowel movement
(C) To build muscles (D) To increase blood
9. Pulses are good sources of:
(A) Proteins (B) Vitamins (C) Carbohydrates (D) Fats

10. Beriberi is caused due to deficiency of:
(A) Vitamin A (B) Vitamin B1 (C) Vitamin B12 (D) Vitamin K
11. Which food chain is correct?
(A) Grass → Deer → Tiger (B) Tiger → Grass → Deer
(C) Deer → Grass → Tiger (D) Tiger → Deer → Grass
12. A farmer noticed that his goats show weak bones and delayed growth. Which deficiency in fodder is the most likely cause?
(A) Protein (B) Vitamin D (C) Vitamin C (D) Carbohydrate
13. Match the following and choose the correct option:
- | COLUMN – I | | COLUMN – II | |
|------------|-----------------|-------------|----------------------|
| (A) | Night Blindness | (i) | Iron deficiency |
| (B) | Anaemia | (ii) | Vitamin D deficiency |
| (C) | Rickets | (iii) | Vitamin A deficiency |
- (A) A–iii, B–i, C–ii (B) A–ii, B–iii, C–i (C) A–i, B–ii, C–iii (D) A–iii, B–ii, C–i
14. A student boiled an egg and tested it with Biuret solution. The solution turned violet. What does this indicate?
(A) Presence of fats (B) Presence of carbohydrates
(C) Presence of proteins (D) Presence of vitamins
15. Two friends ate the same meal. One developed night blindness and the other developed scurvy. This shows that:
(A) Food lacks both carbohydrates and proteins
(B) Food lacks Vitamin A and Vitamin C
(C) Food was spoiled
(D) Food lacked roughage

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Space for rough work

NOTICE

Answer key – Class - 06**MAT**

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

MATHS

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

PHYSICS

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

CHEMISTRY

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

BIOLOGY

1.B

2.A

3.A

4.D

5.B

6.B

7.C

8.B

9.A

10.B

11.A

12.B

13.A

14.C

15.B

MAHARISHI