



SUCCESS

TALENT REWARD TEST

Time Alloted : 90 Min.

Maximum Marks : 180

❖ *Please read the instructions carefully. You are allotted 5 minutes specilly for this purpose.*

:: INSTRUCTIONS ::

01. *This booklet is your question paper, contains 50 questions.*
02. *There are five parts in the question paper A, B, C, D and E consisting of Mathematics, Physics, Chemistry, Biology & Challenger Section having 10 questions in each part.*
03. *Each question in section A, B, C & D is of 3 marks & for section E of 6 marks.*
04. ***There is no negative marking in any case.***
05. *There is only one correct response for each question. Filling up more than one response in any question will be treated as wrong response.*
06. *Use Blue /Black Ball Point Pen only for writing particulars/ marking responses on the Answer sheet. **Use of pencil is strictly prohibited.***
07. *No candidate is allowed to carry any textual material, printed or written bits of papers, pager, mobile phone, any electronic device, etc. except the Hall Ticket inside the examination hall/ room.*
08. *On completion of the test, the candidate must hand over the Answer Sheet to the invigilator, on duty in the Room/Hall.*

Your Name : _____

Registration No. :

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QUESTION PAPER CODE - 06070A

(You must write this code on your OMR Sheet)

Dear student

Ready for the test ? Take a deep breath and relax. Don't forget to read the questions very carefully. Some questions that look tough, will be quite easy after you have read them properly. Do not spend too much time on any question. Go to the next question and later come back to the ones you felt were tough. Be cool, give your best and have fun.

Good luck!

(Section-'A' (Maths))

- $(a-b)(a-b) = \dots\dots\dots :$
 (a) $(a+b)^2$ (b) $(a-b)^2$
 (c) a & b (d) N.O.T.
- In a triangle AB = 5 cm, BC = 6 cm, AC = 7 cm its perimeter is :
 (a) 14 cm (b) 15 cm
 (c) 16 cm (d) 18 cm
- Circumference = $2 \times \dots\dots\dots :$
 (a) πr^2 (b) πr
 (c) d (d) πr^3
- $\frac{2}{?} = \frac{8}{32} = \frac{?}{12} :$
 (a) 8, 3 (b) 7, 2 (c) 9, 2 (d) All
- 90° angle is :
 (a) an acute angle (b) a right angle
 (c) an obtuse angle (d) All
- $\sqrt{2} \times$ side is :
 (a) diagonal of square (b) diagonal of rectangle
 (c) diagonal of cube (d) diagonal of cuboid
- Cube has :
 (a) 6 faces (b) 7 faces
 (c) 8 faces (d) 12 faces
- Ray has :
 (a) No end point (b) Two end point
 (c) One end point (d) N.O.T.
- $(7x-4x) \times 7x :$
 (a) $49x-28x$ (b) $49x^2-28x$
 (c) $49x^2-28x^2$ (d) All

10. Supplementary of 110° is :

(a) 70° (b) 80°
 (c) 50° (d) 0°

(Section-'B' (Physics))

- The S.I. unit of length is :
 (a) Metre (b) Centimeter
 (c) Kilometer (d) Millimetre
- A ray of light falls on a mirror at 30° with the mirror surface what is the angle of incidence :
 (a) 30° (b) 60° (c) 15° (d) 150°
- Which of the following is not a magnetic material :
 (a) iron (b) nickel
 (c) steel (d) stainless steel
- Speed of light is :
 (a) $3 \times 10^8 \text{ cm/sec}$ (b) $3 \times 10^8 \text{ km/sec}$
 (c) $3 \times 10^8 \text{ m/sec}$ (d) All
- To prevent short-circuiting and electrical shocks, the metallic electrical wires are Covered with :
 (a) Copper (b) Cotton
 (c) Aluminium (d) None
- A ray of light which falls on a mirror is called :
 (a) reflected ray (b) emergent ray
 (c) transmitted ray (d) None
- What kind of motion is executed by a swinging pendulum :
 (a) rolling motion (b) rotatory motion
 (c) periodic motion (d) vibratory motion
- One kilometre is equal to metre :
 (a) 1000 (b) 100000
 (c) 10 (d) 1000000

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STUENTS GET CGPA 10, HEARTLY VERY-VERY THANKS YOU...



19. How many terminals are there in a dry cell :

- (a) One (b) Two
(c) Three (d) Four

20. The motion of a spinning top is :

- (a) Circular motion (b) rotational motion
(c) Linear motion (d) Random motion

(Section-'C' (Chemistry))

21. The process by which plants lose water is :

- (a) Photosynthesis (b) Translocation
(c) Transpiration (d) None

22. Recharging of ground water by allowing the rain water to penetrate the soil is called :

- (a) Percolation (b) Drip irrigation
(c) Water level (d) Water harvesting

23. Evaporation is an :

- (a) Endothermic process (b) Enothermic process
(c) Isothermic (d) Isochoric

24. The rate of evaporation of liquid depends upon :

- (a) Temperature (b) Surface Area
(c) Humidity (d) *All*

25. The layer of atmosphere having ozone layer is called:

- (a) Troposphere (b) Thermosphere
(c) Stratosphere (d) Mesosphere

26. Sea water cannot be used for domestic use because it contains :

- (a) Soluble salts (b) Dust
(c) Insoluble salts (d) Acids

27. The process in which liquid changes into vapour below the boiling point is called :

- (a) vaporization (b) evaporation
(c) wetting (d) frezzing

28. Water present on earth is :

- (a) 43% (b) 73% (c) 14% (d) 99%

29. Formula of Hydrogen oxide is :

- (a) H_2O (b) H_2O_2 (c) HO (d) HO_2

30. We celebrate the World environment Day on :

- (a) 5th June (b) 5th July
(c) 5th Sept (d) 5th August

(Section-'D' (Biology))

31. Sunken stomata are present in :

- (a) Hydrophytes (b) Epiphytes
(c) Xerophyte (d) Mesophytes

32. The area used for dumping garbage is later converted into :

- (a) Park (b) residential complex
(c) Business centre (d) All

33. The useless waste materials produced at homes, Shops, Schools, Office etc is called :

- (a) Soil (b) Garbage (c) Compost (d) None

34. Which of the following reproduce by laying eggs :

- (a) Monkey (b) Amoeba
(c) Hydra (d) Fish

35. The cell of which species has a cell wall :

- (a) Human (b) Mosquito
(c) Plant (d) Fish

36. Which of the following can be recycled :

- (a) leather shoes (b) waste paper
(c) animal waste (d) kitchen waste

37. Which of the following is a terrestrial habitate :

- (a) river (b) air
(c) tropical forest (d) pond

38. Which of the following can be converted into compost:

- (a) metallic waste (b) leather waste

::Space for Rough Work::

- (c) vegetable waste (d) plastic waste
39. The biggest animal living on the earth is :
 (a) Whale (b) Camel
 (c) Elephant (d) Zebra
40. Which of the following contains carbohydrates :
 (a) Rice (b) Potato
 (c) Sugar (d) All

(Section-'E' (Challenger))

41. A triangle can have :
 (a) two right angles (b) two obtuse angles
 (c) two acute angles (d) two straight angles.
42. A and B are brother. C and D are sisters. A's son is D's brother. How is B related to C?
 (a) Father (b) Brother
 (c) Grand father (d) Uncle
43. If each angle of a regular polygon is 150° , then the number of sides of polygon is :
 (a) 15 (b) 14 (c) 13 (d) 12
44. If A means $-$, B means \div , C means $+$, and D means \times , then $15 B 3 C 24 A 12 D 2 = ?$
 (a) 34 (b) 2
 (c) $\frac{5}{9}$ (d) 5
45. The ratio of the area of a square to that of the square drawn on its diagonal is :
 (a) 1:1 (b) 1 : 2 (c) 1:3 (d) 1 : 4
46. 01.08.2007 is the first Wednesday. Which is the fourth Saturday of August 2007.

- (a) 25.08.2007 (b) 26.08.2007
 (b) 24.08.2007 (d) None
47. In a certain code language 479 means fruit is sweet, 248 means very sweet voice, and 637 means eat fruit daily. Which digit stands for "Sweet" in that code?
 (a) 7 (b) 9
 (c) 4 (d) can't be determined
48. If south-east is called East, North-west is called West, South-west is called South and soon what will North be called ?
 (a) East (b) North east
 (c) North west (d) South
49. The sum of all angles of a pentagon is :
 (a) 180° (b) 90°
 (c) 108° (d) None
50. Spot the stranger, in the following group out
 (a) Rose (b) Lotus
 (c) Marigold (d) Lily

The End

Notice

S.T.R.T. Result on 10th Mar. 2017 At 3:00 PM

- * Receive the Result Card & Scholarship Terms & Conditions on 10th -Mar.-2017 after 3:00 PM & before 6:00PM
- * For Result Phone Calls Facilities NOT Available.

::Space for Rough Work::