



Sample Paper (Class – 6th)
EYSE (AY 2021 – 2022)

PHYSICS

1. The instrument used for measuring the earthquake on the Richter scale is _____.
 - (1) Barometer
 - (2) Ammeter
 - (3) Seismograph
 - (4) Manometer

2. Name the force by which earth pulls everything towards itself.
 - (1) Density
 - (2) Friction
 - (3) Gravitational force
 - (4) Volume

3. Earthquake is caused by _____.
 - (1) Shaking of earth
 - (2) Shaking of river
 - (3) Shaking of trees
 - (4) None of these

4. Which among the following is not a Constellation?
 - (1) Ursa Major
 - (2) Orion
 - (3) Pole Star
 - (4) Ursa Minor

5. How many Planets are there in the Solar System?
 - (1) 8
 - (2) 9
 - (3) 6
 - (4) 11

6. Which among the following is known as the 'Ringed Planet'?
 - (1) Jupiter

- (2) Uranus
- (3) Neptune
- (4) Saturn

7. Which is the smallest Planet?

- (1) Uranus
- (2) Mercury
- (3) Saturn
- (4) Mars

8. Mars is called the _____.

- (1) Largest Planet
- (2) Red Planet
- (3) Blue Planet
- (4) Green Planet

9. Earth appears like a _____.

- (1) Cone
- (2) Cuboid
- (3) Spherical Ball
- (4) Cube

10. _____ are man-made objects, which can be made to revolve around the earth.

- (1) Stars
- (2) Natural Satellites
- (3) Artificial Satellites
- (4) Sun

11. A magnet has ____ poles.

- (1) 2
- (2) 6
- (3) 3
- (4) 1

12. Which among the following is a Morning Star?

- (1) Uranus
- (2) Jupiter
- (3) Saturn
- (4) Venus

13. The Earth receives almost all of its energy from the _____.

- (1) Stars
- (2) Moon
- (3) Sun
- (4) Mars

14. The Earth takes _____ to complete one Rotation about its axis.

- (1) 365 days

- (2) 45 Minutes
- (3) 24 Hours
- (4) None of these

15. Moon takes _____ to complete one Revolution around the Earth.
- (1) 28 days
 - (2) 24 Hours
 - (3) 45 Hours
 - (4) None of these

BIOLOGY

16. Ants move in a line because of their sense of _____.
- (1) Sight
 - (2) Smell
 - (3) Taste
 - (4) Hearing
17. When does our heartbeat become fastest?
- (1) Eating
 - (2) Sleeping
 - (3) Running
 - (4) Sitting
18. Name the seeds which disperse by water.
- (1) Jasmine
 - (2) Lotus
 - (3) Rose
 - (4) None of these
19. Which nutrient helps in our Growth?
- (1) Vitamin
 - (2) Fat
 - (3) Protein
 - (4) None of these
20. Which of the following animals is endangered?
- (1) Wolf
 - (2) Tiger
 - (3) Deer
 - (4) Lion
21. Identify the name of an Insectivorous plant.
- (1) Lotus
 - (2) Pitcher plant
 - (3) Cactus
 - (4) Money plant

22. How do we come to know that food has got spoilt?
- (1) By its colour
 - (2) By its taste
 - (3) By its smell
 - (4) All of these
23. What is a Rebo?
- (1) Animal shelter
 - (2) Human shelter
 - (3) Shelter for changpas
 - (4) All of these
24. The chemical used to increase fertility of soil is called _____.
- (1) Fertilizer
 - (2) Soil
 - (3) Manure
 - (4) Decompose
25. The young ones of mosquitoes are called _____.
- (1) Larvae
 - (2) Chicks
 - (3) Puppies
 - (4) Tadpoles
26. Why do we keep food and vegetables in the refrigerator?
- (1) To keep them fresh
 - (2) To make them more tasty
 - (3) To make them crisp
 - (4) None of these
27. What is the nature of digestive juices in the stomach?
- (1) Acidic
 - (2) Basic
 - (3) Neutral
 - (4) None of these
28. What are the tiny bumps present on the tongue called?
- (1) Taste buds
 - (2) Smell buds
 - (3) Hear buds
 - (4) All of these
29. Polio affects the _____.
- (1) Nose
 - (2) Eyes
 - (3) Limbs
 - (4) Heart

30. Which solution is given when a person has vomiting and loose motions?
- (1) ORS
 - (2) Milk
 - (3) Fruit juice
 - (4) Cold drink

CHEMISTRY

31. Name the instrument played by blowing air.
- (1) Been
 - (2) Guitar
 - (3) Sitar
 - (4) Drum
32. Change of water into water vapour is known as _____.
- (1) Evaporation
 - (2) Condensation
 - (3) Sedimentation
 - (4) None of these
33. Malaria is caused by the bite of _____.
- (1) Female Anopheles mosquito
 - (2) Mosquito
 - (3) Housefly
 - (4) Honeybee
34. Salt is made from _____.
- (1) Lake water
 - (2) Pond water
 - (3) Sea water
 - (4) River water
35. A snake charmer keeps the snakes in a _____.
- (1) Bamboo basket
 - (2) Nylon basket
 - (3) Jute basket
 - (4) Tricot
36. Which gas is necessary for burning fire?
- (1) O₂
 - (2) CO₂
 - (3) NO₂

(4) All of these

37. Paint is soluble in _____.

- (1) Milk
- (2) Water
- (3) Kerosene
- (4) Fevicol

38. Sheep are reared for getting_____.

- (1) Rayon
- (2) Jute
- (3) Wool
- (4) Cotton

39. Dams on the river are constructed for:-

- (1) Irrigation
- (2) Producing electricity
- (3) Both of these
- (4) None of these

40. Which of the following is an example of Solid fuels?

- (1) Kerosene
- (2) Cow dung
- (3) Diesel
- (4) Biogas

41. Which among the following is called a Green Fuel?

- (1) LPG
- (2) CNG
- (3) Coal
- (4) Petroleum

42. Which of the following is not a Renewable source of energy?

- (1) Water
- (2) Biomass
- (3) Petroleum
- (4) Solar energy

43. Which among the following have a definite Volume?

- (1) Ice
- (2) Water
- (3) Water Vapour
- (4) None of these

44. Which among the following gas is insoluble in Water?

- (1) Oxygen
- (2) Nitrogen
- (3) Carbon Dioxide
- (4) All of these

45. The amount of water vapour present in air determines the _____ of air.

- (1) Density
- (2) Volume
- (3) Humidity
- (4) None of these

Mathematics

46. The speed of a motorboat is 20 km per hour. How far will it go in 3 hours?

- (1) 80 km
- (2) 60km
- (3) 100 km
- (4) 120 km

47. A square has how many sides?

- (1) 1
- (2) 8
- (3) 3
- (4) 4

48. What is the measure of a right angle?

- (1) 60 degree
- (2) More than 90 degree
- (3) 90 degree
- (4) Less than 90 degree

49. What is the perimeter of a rectangle whose length is 10 metre and breadth is 5 metre?

- (1) 40 m
- (2) 30m
- (3) 50m
- (4) None

50. Raheem must travel $1\frac{1}{4}$ km to reach to school. What distance does he travel to go to school and come back home?

- (1) $\frac{1}{4}$ km
- (2) $2\frac{1}{3}$ km
- (3) $2\frac{2}{3}$ km
- (4) $2\frac{1}{2}$ km

51. Which letter among the following looks the same after half turn?

- (1) A
- (2) B
- (3) H
- (4) D

52. Which one of the following is a factor of 30?

- (1) 6
- (2) 4
- (3) 8
- (4) 9

53. Kiran is arranging 12 tamarind seeds in the form of different rectangles. How many different rectangles can you make?

- (1) 2
- (2) 4
- (3) 3
- (4) 6

54. I am a factor of every number who am I?

- (1) 4
- (2) 3
- (3) 1
- (4) 2

55. Convert 28 into a special number.

- (1) 82
- (2) 110
- (3) 100
- (4) 54

56. An egg costs two and a half rupees. How much will one and a half dozen cost?

- (1) Rs 45
- (2) Rs 40
- (3) Rs 30
- (4) Rs 50

57. What is the value of quarter of 240?

- (1) 60
- (2) 40
- (3) 20

(4) 100

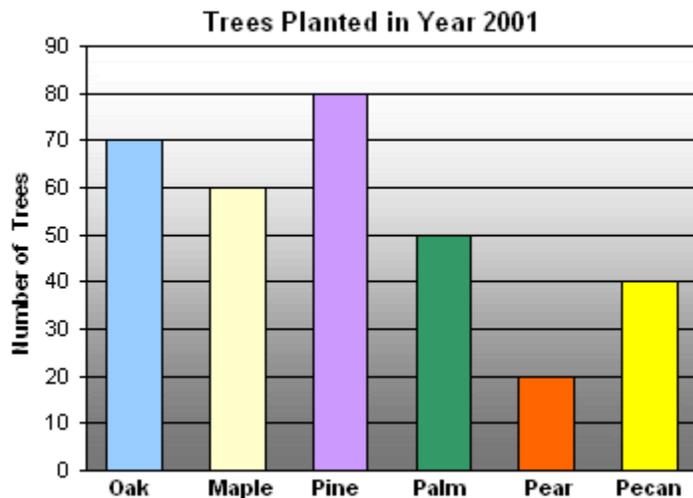
58. The fencing of a square garden is 20m in length. What will be the side of the square garden?

- (1) 6m
- (2) 5m
- (3) 10m
- (4) None

59. A thin wire 20 centimetres long is formed into a rectangle. If the width of the rectangle is 4 centimetres, What is its length?

- (1) 5 centimetres
- (2) 10 centimetres
- (3) 2 centimetres
- (4) 6 centimetres

60. How many Oak trees are planted in the year 2001?



- (1) 60
- (2) 70
- (3) 80
- (4) 90

61. 195×31

- (1) 6046
- (2) 6045
- (3) 6043
- (4) 6044

62. $4228 \div 4$

- (1) 4057
- (2) 157
- (3) 1047

(4) 1057

63. My bag of 5 rupee coins weighs 9 kg and each coin weighs 9 gram. Then how many coins are there in the bag?

- (1) 9000
- (2) 1000
- (3) 8000
- (4) 5000

64. If a grown up elephant eats 136kg of food in a day then it will eat, how many kgs of food in a week?

- (1) 921 Kg
- (2) 900 Kg
- (3) 952 Kg
- (4) 950 Kg

65. Which unit you will use to measure the distance between Bombay and Goa?

- (1) km
- (2) mm
- (3) cm
- (4) metre

Mental Ability

66. 4, 9, 16, 25, 36, 49, ...?....

- (1) 64
- (2) 212
- (3) 102
- (4) 216

67. AZ, GT, MN, ...?..., YB

- (1) KF
- (2) RX
- (3) SH
- (4) TS

68. In the series given below, how many 8's are there which are exactly divisible by its immediate preceding as well as succeeding numbers?

2 8 3 8 2 4 8 2 4 8 6 8 2 8 2 4 8 3 8 2 8 6

- (1) One
- (2) Two
- (3) Three
- (4) Four

69. Pointing to a photograph, a woman says, "This man's son's sister is my mother". How is the woman related to the man in the photograph?

- (1) Daughter
- (2) Mother
- (3) Granddaughter
- (4) Mother-in-law

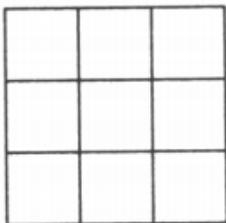
70. In certain code 'COURT' is written as 5%@38 and TILE is written as 8©\$4. How is CITE written in that code.

- (1) 5\$84
- (2) 5%84
- (3) 5©84
- (4) 3©84

71. Sixty students were there in a mental ability test. Ten students did not qualify, out of remaining Yogesh ranked 25th from the last. What was his rank from top?

- (1) 27th
- (2) 26th
- (3) 29th
- (4) 28th

72. How many squares are present in the given figures?



- (1) 9
- (2) 10
- (3) 11
- (4) 14

73. Arrange the following words in the order as they come in the dictionary and find the word that comes first.

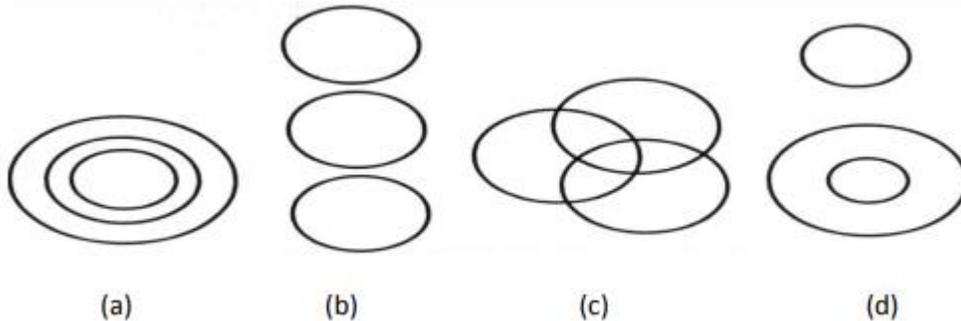
- (1) Regular
- (2) Regret
- (3) Register
- (4) Regard

74. In the question the first unit contains two figures and the second unit one figure and a Blank box. You have to find out which one of the answer figures marked (A) to (D) should be in the blank space.



- (1) (A)
- (2) (B)
- (3) (C)
- (4) (D)

75. Which of the following diagrams correctly represents Dogs, Cows, Pigeons



- (1) (a)
- (2) (b)
- (3) (c)
- (4) (d)