



**EDUHEAL
FOUNDATION**

**CLASS
5**

LEVEL - 1

Set A1

EHF OLYMPIADS

- 4000 schools • 6 lakh students
- 11 olympiads • Global reach



**EHF
NATIONAL INTERACTIVE
MATHS OLYMPIAD™**

Name :

Roll No :

Class :

School :



**NATIONAL
BIOTECHNOLOGY
OLYMPIAD**



**NATIONAL
INTERACTIVE
SCIENCE
OLYMPIAD**



**INTERNATIONAL
ENGLISH
OLYMPIAD**



**NATIONAL
INTERACTIVE
MATHS
OLYMPIAD**



**INTERNATIONAL
CYBER
OLYMPIAD**



**INTERNATIONAL
GENERAL KNOWLEDGE
OLYMPIAD**



Sponsored By:
BSE
INVESTORS' PROTECTION FUND

Business & international finance olympiad (BIFO)



NATIONAL IIT-NEET OLYMPIAD (NINO)

Go Online
Download



EHF Olympia

Mobile App & Win Prizes



Level - 1 : All Level-1 successful* participants will get certificate, aptitude report and school toppers will be eligible for school hero medals.

Level - 2 : School toppers* will be selected for level-2-National level - online computer based interactive test held at exam centres all over India. Winner will get merit certificate, medals, laptop, scholarship and other prizes.

Level - 3 Senior Class Toppers will qualify# for level-3-International level- where you will compete with students globally. Get selected for MIT-Harvard Maths Tournament (Online). Represent India & win laurels. Guidance by top scientists.



* # See prospectus/website for details

ROUGH WORK

Instructions for the Candidate

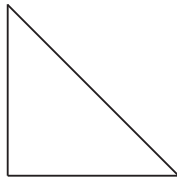
1. You are allowed additional 10 minutes to fill the required details in the RESPONSE SHEET (OMR).
2. The question paper is made as per syllabus guidelines & pattern given in the information Booklet. The Question Paper for Classes 1 to 6 contains 40 Questions each to be answered in 60 minutes. The Question paper for classes 7 to 12 contains 60 Questions each to be answered in 60 minutes. All questions are compulsory. Further instructions are given in the instruction letter to the teacher.
3. Use the response sheet to mark your responses by darkening the required circle. The response sheet has to be returned to the foundation, duly filled in. **THE STUDENT CAN RETAIN THE QUESTION PAPER.**

MENTAL ABILITY

1. I am between 20 and 30. I am a multiple of both 3 and 4. Who am I?

- (1) 26
- (2) 24
- (3) 22
- (4) None of these

2. How many lines of symmetry?

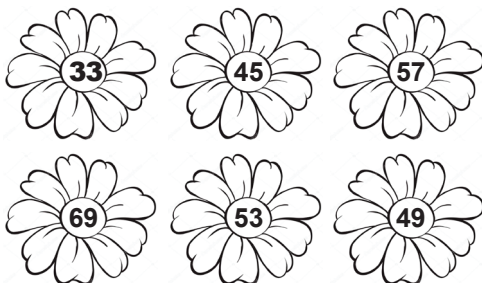


- (1) 3
- (2) 2
- (3) 0
- (4) None of these

3. Divyansh pays Rs. 25 for two tubes of paint: a red tube and a black tube. The black tube cost Rs. 7 more than the red tube. How much did red tube cost?

- (1) Rs. 17
- (2) Rs. 16
- (3) Rs. 9
- (4) None of these

4. Which of these numbers is **prime**?



- (1) 45
- (2) 53
- (3) 49
- (4) None of these

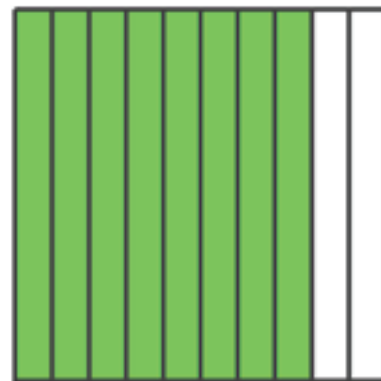
5. How many metre less than 2 km is 1.7 km?

- (1) 300 m
- (2) .3 m
- (3) 3.7 km
- (4) None of these

6. What number has 3 hundreds, 2 more tens than hundreds, and two fewer ones than tens?

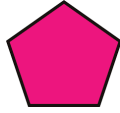
- (1) 335
- (2) 300
- (3) 353
- (4) None of these

7. What decimal number is illustrated?



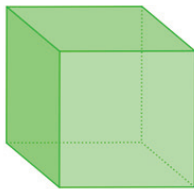
- (1) 0.8
- (2) 0.08
- (3) 0.008
- (4) None of these

8. Is this shape a regular polygon?



- (1) Yes
- (2) No
- (3) Can't say
- (4) None of these

9. How many faces does this shape have?



- (1) 4
- (2) 5
- (3) 6
- (4) None of these

10. Choose two numbers from the box to complete the sentence

8 10 60 118

_____ and _____ have a quotient of 6.

- (1) 8, 10
- (2) 10, 60
- (3) 8, 118
- (4) None of these

MATHEMATICS

11. How to write this number using words?

792

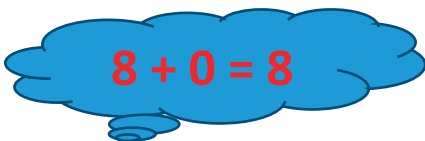
- (1) Seven hundred and ninety two
- (2) Seven thousand and ninety two
- (3) Seven hundred and twenty nine
- (4) None of these

12. Which words make this statement true?

33,296 _____ 33,295

- (1) Is greater than
- (2) Is less than
- (3) Is equal to
- (4) None of these

13. Which property of addition is shown?



- (1) Associative
- (2) Commutative
- (3) Identity
- (4) None of these

14. Each question on a game show is worth 7 points. There are 582 questions on each episode of the show. How many points are there in total on each episode?

- (1) 4,074
- (2) 1,474
- (3) 1,000
- (4) None of these

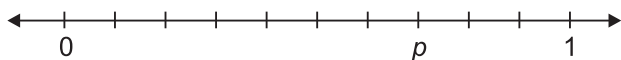
15. Is 35,465 divisible by 2?

- (1) Yes
- (2) No
- (3) Can't say
- (4) None of these

16. In 0.5, in which place is the 0?

- (1) Ones
- (2) Tens
- (3) Tenths
- (4) None of these

17. Find the value of p . Find your answer in a decimal number.



- (1) 0.7
- (2) 0.07
- (3) 0.007
- (4) None of these

18. What fraction of the shapes are Not triangles?



- (1) $\frac{3}{11}$
- (2) $\frac{11}{3}$
- (3) $\frac{8}{11}$
- (4) None of these

19. There were two pieces of paper on a table. 1 blew away. What fraction of the pieces of paper were left?

- (1) $\frac{1}{2}$
- (2) $\frac{1}{1}$
- (3) $\frac{2}{1}$
- (4) None of these

20. If a caramel costs Rs. 9, how much would it cost to buy 10 caramels?

- (1) Rs. 19
- (2) Rs. 90
- (3) Rs. 10
- (4) None of these

21. Rohan works as an office clerk. He worked for 9 weeks and earned Rs. 4,900.50. How much did Rohan earn per week?

- (1) Rs. 544.50
- (2) Rs. 355.05
- (3) Rs. 350.00
- (4) None of these

22. Find the next number in this sequence:

1, 2, 4, 7, 11, 16, 22, _____

- (1) 30
- (2) 28
- (3) 29
- (4) None of these

23. Convert: 62 days = _____ weeks _____ days

- (1) 8, 0
- (2) 8, 6
- (3) 4, 1
- (4) None of these

24. Which is a better estimate for the volume of a kitchen sink?




- (1) 21 litres
- (2) 21 millilitres
- (3) 21 grams
- (4) None of these

25. What is the temperature of a bowl of ice cream?

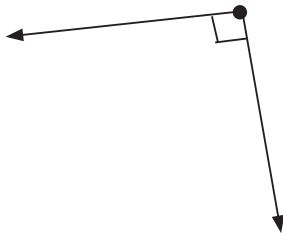
Choose the most reasonable answer.

- (1) 10°C
- (2) 20°C
- (3) 0°C
- (4) None of these

26. Robin drew a shape that had three sides. Which shape could Robin have drawn?

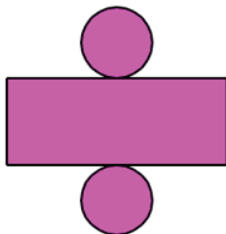
- (1)  hexagon
- (2)  scalene triangle
- (3)  quadrilateral
- (4) None of these

27. Is this angle greater than, equal to, or less than a right angle?

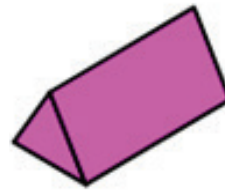


- (1) greater than a right angle
- (2) equal to a right angle
- (3) less than a right angle
- (4) None of these

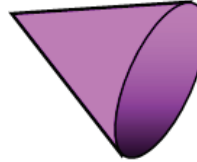
28. Which figure will this net make?



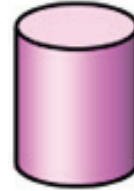
(1)



(2)

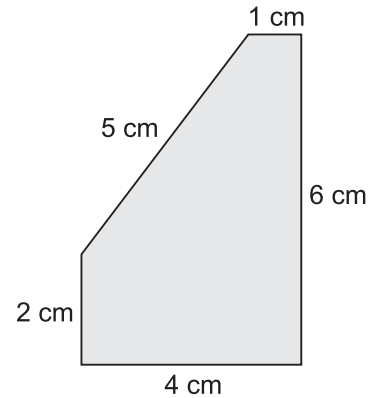


(3)



(4) None of these

29. What is the perimeter of the shape?



- (1) 18 cm
- (2) 10 cm
- (3) 17 cm
- (4) None of these

30. A square lounge has sides that are 10 metres long. What is the lounge's area?

- (1) 10 sq m
- (2) 100 m
- (3) 100 sq m
- (4) None of these

INTERACTIVE SECTION

31. A chain of doughnut stores sold a total of 3,349 doughnuts last week. 1,374 of those doughnuts were coconut. About how many doughnuts were something other than coconut? Choose the better estimate.

- (1) 12,000 (2) 2000
(3) 3000 (4) None of these

32. The students of school collected cans for recycling. Each student collected 9 bag of cans. They put 6 cans in each bag. There were three classes participating, and each class had 10 students. How many cans did the school collect in all?

- (1) 1,600
(2) 1,000
(3) 1,620
(4) None of these

33. The poetry club has more members than the maths club. The Japanese club has fewer members than the maths club. Which club has more members?

- (1) The Japanese club (2) Maths club
(3) Poetry club (4) None of these

34. How much money does Nikhil need to buy a mechanical pencil and a silver pen?

glue stick	₹1.00
mechanical pencil	₹9.00
silver pen	₹2.00
purple coloured pencil	₹5.50
small box of paper clips	₹5.00

- (1) Rs. 10 (2) Rs. 11
(3) Rs. 7 (4) None of these






35. A nutritionist designing a health lunch menu asked students at Primary School to vote for their favourite fruits.

Favourite fruits		
Fruit	Boys	Girls
Oranges	10	1
Peaches	6	2
Bananas	9	12
Pears	20	8
Plums	10	13

Which type of fruit is most popular?

- (1) Peaches (2) Oranges
(3) Pears (4) None of these

36. Look at this pictograph:

Pumpkin baking contest votes	
Pumpkin biscuits	
Pumpkin bars	
Pumpkin scones	
Pumpkin muffins	
Pumpkin cheesecake	

Each  = 1 person

How many people voted for pumpkin bars?

- (1) 5
(2) 9
(3) 8
(4) None of these

37. On which colour is the spinner more likely to land?



- (1) Grey
- (2) White
- (3) Both
- (4) None of these

38. A toy box had 12 dinosaurs in it. Half the dinosaurs were green. Half of the green ones had horns. How many green ones had horns?

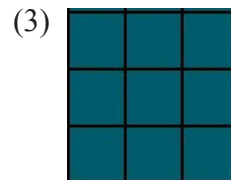
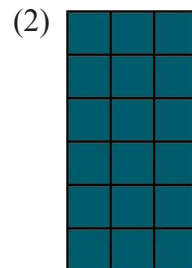
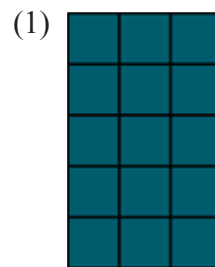
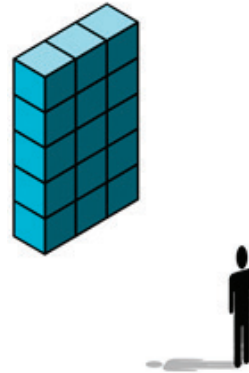


- (1) 3
- (2) 4
- (3) 6
- (4) None of these

39. In Mr Pinchoo's class there are 26 children. 14 have black hair. How many do not have black hair?

- (1) 14
- (2) 12
- (3) 24
- (4) None of these

40. If you look at this object from the side, what will you see?



- (4) None of these



END OF THE EXAM