



# EDUHEAL FOUNDATION

# CLASS 5

## LEVEL - 1

## Set A1

### EHF OLYMPIADS

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



### EHF

### NATIONAL INTERACTIVE SCIENCE OLYMPIAD

Name : .....

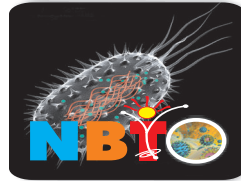
Roll No : .....

Class : .....

School : .....



#### NATIONAL BIOTECHNOLOGY OLYMPIAD



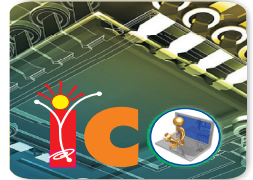
#### NATIONAL INTERACTIVE MATHS OLYMPIAD



#### NATIONAL INTERACTIVE SCIENCE OLYMPIAD



#### INTERNATIONAL CYBER OLYMPIAD



#### INTERNATIONAL ENGLISH OLYMPIAD



#### INTERNATIONAL GENERAL KNOWLEDGE OLYMPIAD



#### BSE international finance olympiad (BIFO)



#### NATIONAL IIT-PMT OLYMPIAD (NIPO)

#### 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 11 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.

WEBSITE : [WWW.EDUHEALFOUNDATION.ORG](http://WWW.EDUHEALFOUNDATION.ORG)  
E-MAIL : [INFO@EDUHEALFOUNDATION.ORG](mailto:INFO@EDUHEALFOUNDATION.ORG)

# ROUGH WORK

# GENERAL IQ

1. Which one of the four make the best comparison?

Foot is to knee as hand is to:

- (1) Toe                                      (2) Elbow  
(3) Arm                                        (4) Finger

2. What number should replace the question mark?

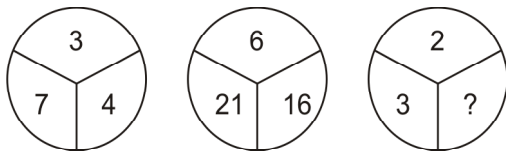
0, 1, 2, 4, 6, 9, 12, 16, ?

- (1) 22                                        (2) 18  
(3) 20                                        (4) 32

3. Which is the odd one out?

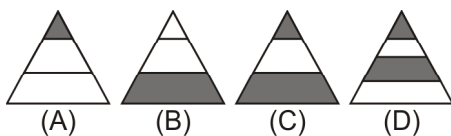
- (1) Triangle  
(2) Hexagon  
(3) Pentagon  
(4) Cube

4. What number should replace the question mark?



- (1) 1    (2) 7  
(3) 4    (4) 5

5. Which one of the four designs is least like the other three?



- (1) C    (2) D  
(3) A    (4) B

6. Which generation of computer was developed from microchips?

- (1) First generation                      (2) Second generation  
(3) Fourth generation                    (4) Third generation

7. Which of the following system software does the job of merging from two files in to one?

- (1) Security software  
(2) Utility software  
(3) Networking software  
(4) Documentation system

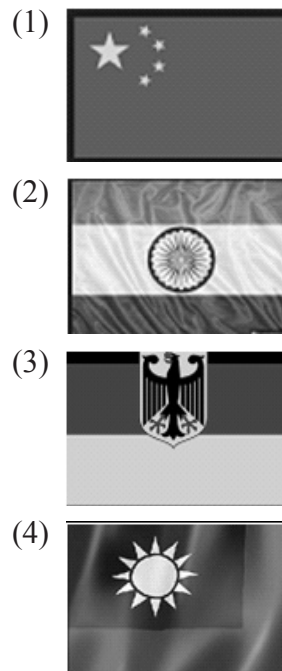
8. Which of the following produces the best quality graphics reproduction?

- (1) Laser printer                              (2) Ink jet printer  
(3) Plotter                                        (4) Dot matrix printer

9. What is a final four?

- (1) Four mutants from a comic.  
(2) A greek legend.  
(3) Last four teams in Basketball play-offs.  
(4) None of these

10. IBM launched its first personal computer called IBM-PC in 1981. It had chips from Intel, disk drives from London, operating system from Microsoft, the printer from Epson and the application software from everywhere. Can you select the country which contributed video display.



# GENERAL SCIENCE




11. Which of the following is not true for stems?

- (1) They transport water.
- (2) They transport air.
- (3) They transport food and nutrients.
- (4) They hold up the plant to get light.

12. What do warm blooded animals do to make their body heat?

- (1) They wear warm jackets.
- (2) They breathe with gills.
- (3) They eat food.
- (4) They lay eggs.

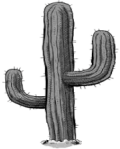
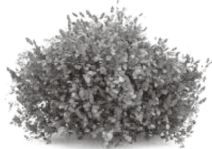

13. The place where digested molecules of food, water and minerals are absorbed is

- (1) 
- (2) 
- (3) 
- (4) Both (1) and (3)

14. Which of the following is not a mosquito borne disease?

- (1) Sleeping sickness
- (2) Dengue fever
- (3) Malaria
- (4) Filariasis

15. What type of plant would you not see in a forest?

- (1)   
Cactus
- (2)   
Shrubs
- (3)   
Fungi
- (4) Both (1) and (3)

16. When water is boiled, tiny air bubbles comes out that shows the

- (1) Presence of air in water.
- (2) Presence of microbes in water.
- (3) Presence of soil in water.
- (4) Presence of oxygen in water.

17. \_\_\_\_\_ is any kind of organic matter that can be used as a fuel.

- (1) Biomass
- (2) Bioconversion
- (3) Geothermal energy
- (4) Solar energy




18. In what way will a kitten always be like its parents? The kitten will

- (1) be the same colour.
- (2) learn the same things.
- (3) have the same body structures.
- (4) live in the same places.

19. The following constellation consists of seven main stars.

- (1) Ursa major
- (2) Ursa minor
- (3) Hercules
- (4) Lyra

20. Which is angiosperm?

- (1)   
Cycus
- (2)   
Pinus
- (3)   
Mango
- (4) All of these

21. S.I. unit of work is

- (1) Newton
- (2) Joule
- (3) Calories
- (4) Kilogram

22. The coarse part of most fruits and vegetables that helps you get rid of waste materials.

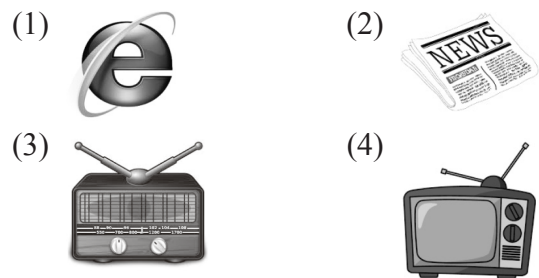
- (1) Protein
- (2) Pulp
- (3) Fiber
- (4) All of these

23. What kind of pathogen causes colds?

- (1) Bacteria
- (2) Virus
- (3) Fungus
- (4) Amoeba

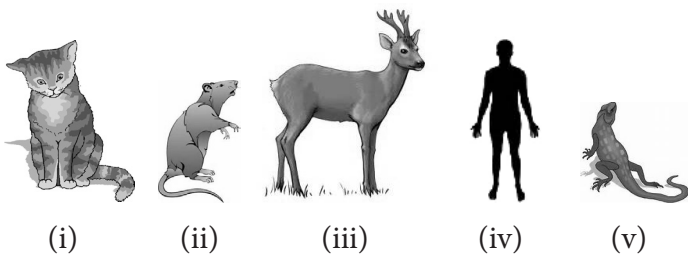
24. Which fuel is used most for generating electricity?  
 (1) Coal (2) Natural Gas  
 (3) Uranium (4) Both (1) and (2)
25. What is name of the new planet discovered in 2003?  
 (1) UB312 (2) UB300  
 (3) UB313 (4) UB213
26. Which group represents the cause of pollution?  
 (1) Garbage, noise, plants, air  
 (2) Pesticides, plants, noise, garbage  
 (3) Polluted water, air, pesticide, trees  
 (4) Smoke, polluted water, garbage, pesticides
27. To control the electric appliances in home a device is used. The name of this device is  
 (1) Conductor (2) Compass  
 (3) Switch (4) Circuit

28. In image below the force is changing the  
 (1) velocity  
 (2) shape  
 (3) direction  
 (4) direction as well as velocity
29. Leaves modified to spine to reduce transpiration is the adaptive feature of  
 (1) Hydrophytes (2) Mesophytes  
 (3) Marine plants (4) Xerophytes
30. Which of the following is not an electronic media for mass communication?



## INTERACTIVE SECTION

31. Which of these animals are omnivores?



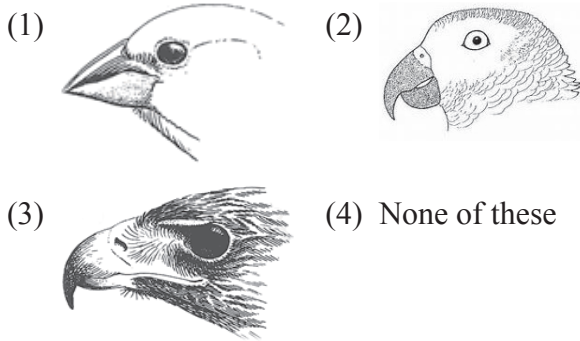
- (1) (i), (iv) & (v) only.  
 (2) (i), (ii), (iv) & (v) only.  
 (3) (i) & (v) only.  
 (4) None of these
32. Your brother has been advised to have food rich in fat & lipids. Which one will be more useful for him?  
 (1) Yolk of egg  
 (2) Egg white  
 (3) Fresh water fishes  
 (4) None of these

33. If you eat too much of fried food like samosa, puri, jalebi, etc, you will suffer from which disease?  
 (1) Goitre (2) Obesity  
 (3) Anaemia (4) None of these
34. Which one is correctly matched regarding movement of the above animals?

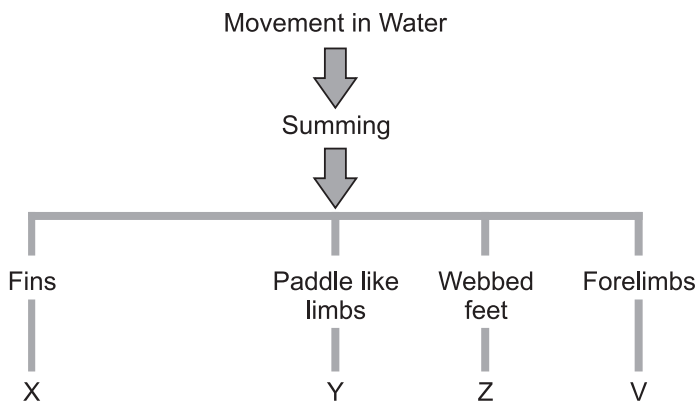


- (i) (ii) (iii) (iv)  
 (1) run crawl crawl fly  
 (2) run crawl crawl walk  
 (3) run walk crawl fly  
 (4) none of these

35. Which is the beak of a flesh eating bird?

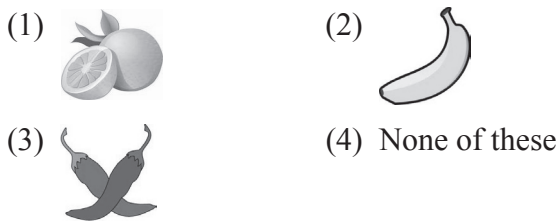


36. Which animal can be placed in 'Y'?

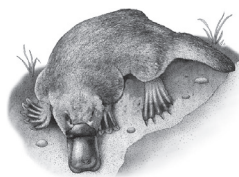


- (1) Frog (2) Fish  
(3) Turtle (4) None of these

37. Which of the following is the odd one out regarding vitamin content?

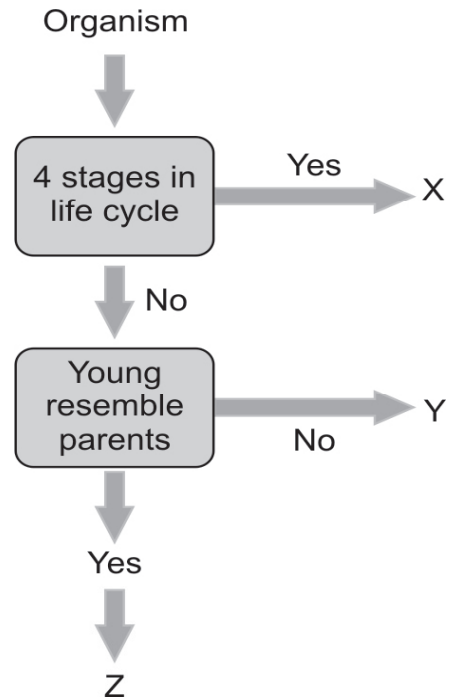


38. The above animal, lays eggs but is placed in the category of mammals. This is because



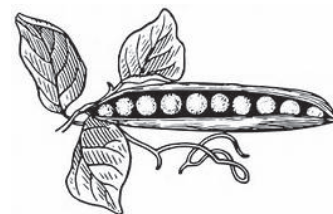
- (1) It can live under water.  
(2) It has webbed feet.  
(3) It is a lung breather.  
(4) All of these.

39. Select the correct match for X, Y, Z



- | X                 | Y    | Z     |
|-------------------|------|-------|
| (1) Butterfly     | Frog | Whale |
| (2) Butterfly     | Fish | Frog  |
| (3) Grasshopper   | Fish | Whale |
| (4) None of these |      |       |

40. The seeds in the figure are dispersed by the similar method as that of



- (1) Hiptage  
(2) Bean  
(3) Xanthium  
(4) None of these



**END OF THE EXAM**