

# Olympiad Foundation

**SAMPLE PAPER CLASS-4<sup>th</sup>**



**OLYMPIAD FOUNDATION**



## Division of Marks

S.No.	Topic/Section	No. of Question	Marks
1	EVS	25	25
2	HOTS (High Order thinking Skill)	10	10
3	Reasoning & Mental Ability	15	15
	<b>Total</b>	<b>50</b>	<b>50</b>

### INSTRUCTIONS :

1. Use Blue/Black ballpoint pen only to darken the appropriate circle.
2. Mark should be dark and should completely fill the circle.
3. Dark only one circle for each entry.
4. Dark the circle in the space provided only.
5. Rough work must not be done on the answer sheet and do not use white -fluid or any other rubbing material on Answer sheet.
6. Each question carries one mark.

Select the correct answer and darken your answer in the table :

**EVS**

- Lungs, Windpipe, Nose, Nostrils are organs present in the .....  
 (A) Muscular system (B) Skeletal system  
 (C) Respiratory system (D) Digestive System
- Which of the following are not matter?

(A)



(B)



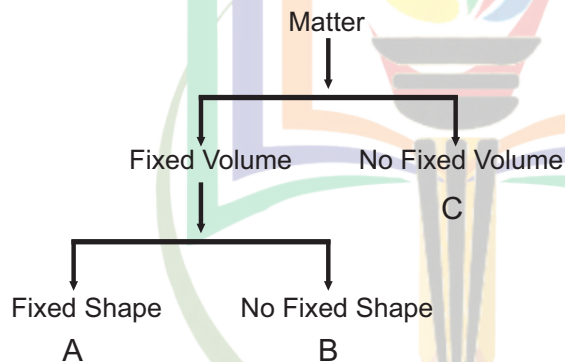
(C)



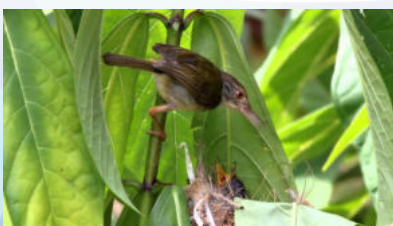
(D)



Directions (Q-3 and 4) observe the classification of substance A, B and C as shown below carefully and answer the question that follow:



- Which of the substance is compressible in nature?  
 (A) A (B) B (C) C (D) A and B
- Name of transport by which you can cross a river.  
 (A) Boat (B) Ferry (C) Donga (D) All of these
- Choose the incorrect statement  
 (A) Bears have long hair and skin to keep them warm  
 (B) Bears have white skin colour to reflect all the heat  
 (C) Bears have a thick layer of fat to protect from Cold  
 (D) Polar bears have very good sense of smell
- A bird which makes its nest by sowing two leaves together ...



(A) Talous

(B) Weaver bird

(C) Tailor bird

(D) Parrot

7. Find INCORRECT statement related to heart  
 (A) Heart is located in skull (B) Heart is pump to the body  
 (C) Heart is the size of fist (D) Heart is connected to blood vessels.
8. Associated the correct food category/nutrients that is essential for a growing child and a would be mother.  
 (A) Fats : energy giving (B) Proteins : Body building food  
 (C) Carbohydrates : energy giving food (D) None of these
9. Which one of these does not apply to food?  
 (A) Food helps in providing oxygen to body.  
 (B) Food helps in growth  
 (C) Food provides essential substances called nutrients.  
 (D) Obtaining food for growth, development and energy is nutrition
10. Children who do not get proper diet suffer from malnutrition. Mostly they suffer from protein-deficiency in their diet. Such children have  
 (A) Pot belly (B) Obesity  
 (C) Long growth (D) None of these
11. A condition of a body when abnormal function is noticed, then this condition is called

(A) 

Y	H	E	N	E	I
---	---	---	---	---	---

(B) 

E	T	R	S
---	---	---	---

(C) 

H	H	E	L	T	A
---	---	---	---	---	---

(D) 

I	E	A	S	S	D	E	S
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12. What should be payed on the stagnated water to prevent the bleeding of the mosquitoes?  
 (A) Water (B) Boiled water  
 (C) Oral dehydration (D) Kerosene
13. The man shown here is suffering from blood pressure and heart attack because of his obesity. Which of the following food is causing this?  
 (A) Vitamins - Green leaves (B) Proteins - pulses  
 (C) Fats - Oil and mea (D) Carbohydrates - ride and wheat
14. Which of the following is the hand woven fibre?  
 (A) Polyster (B) Nylon  
 (C) Khadar (D) Terylene
15. Complete the blank space

..... → fabric → ..... → cloth

(A) Silk, Dress  
 (C) Thread, Fibre

(B) Fibre, Yarn  
 (D) Dress, Uniform

16. Why are light coloured clothes better than dark coloured clothes in summers?  
 (A) Light coloured clothes are poor absorbers of heat  
 (B) Light coloured clothes keep body warm  
 (C) Both A and B  
 (D) None of these
17. Which of the following does not increase the evaporation process?  
 (A) Higher temperature  
 (B) More humidity  
 (C) Strong wind  
 (D) Large surface area
18. Plants make their own food. This process is carried out  
 (A) During day time  
 (B) During night time  
 (C) During the monsoon time  
 (D) When the plants are hungry
19. Which of the following part of the cactus plant performs photosynthesis?  
 (A) Spine  
 (B) Stem  
 (C) Root  
 (D) Leaves
20. Which of the following is NOT a job done by stems  
 (A) Supports the plants  
 (B) Enable leaves to reach sunlight  
 (C) Carry water and nutrients to the leaves  
 (D) Make food for the plant
21. Identify the stage of butterfly after the hatching of eggs.  
 (A) Pupa  
 (B) Cocoon  
 (C) Larva  
 (D) Adult
22. The habit of sitting on their eggs by animals to keep them warm is called .....  
 (A) Incubation  
 (B) Reproduction  
 (C) Laying  
 (D) Metamorphosis
23. The earth of a combination of living and non living beings. This form a system known as  
 (A) Aquatic  
 (B) Terrestrial  
 (C) Ecosystem  
 (D) Arial
24. Complete the missing link of the following marine food chain



.....

- (A) Shark  
 (B) Elephant  
 (C) Snail  
 (D) Shrimp
25. Which of these substances has definite volume but no fixed shape  
 (A) Book  
 (B) Oxygen  
 (C) Water vapour  
 (D) Milk

### HOTS (Higher Order Thinking Skill)

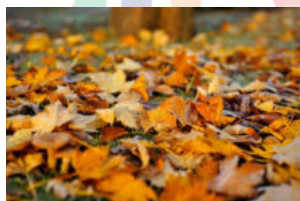
26. The process that takes place when

Solid ice  $\xrightarrow{\text{heated}}$  Liquid water is

(A) Evaporation      (B) Condensation      (C) Melting      (D) Freezing



27. When it is winter in India, it is ..... In Australia.  
 (A) Winter (B) Spring  
 (C) Summer (D) Autumn
28. Yaswant took out a bottle of orange juice from freezer. After a while, he noticed some water droplets on the outside of the bottle. Where did the water droplets come from?  
 (A) From the cool air in the freezer  
 (B) From the moisture in the surrounding air  
 (C) From the orange juice  
 (D) From yaswant's Hands
29. Arrange the object given below in increasing order of their size  
 I. Star II. Galaxy III. Solar system IV Planet
- Choose the correct option.  
 (A) II, III, I, IV (B) III, IV, II, I  
 (C) I, IV, III, II (D) IV, I, III, II
30. This simple machine uses slanted surface connected from a lower level to a higher level used to carry load through a height.  
 (A) Screw (B) Wedge  
 (C) Lever (D) Inclined plane
31. Look at the picture and predict the best use of this biodegradable dried leaves



Burnt leaves

- (A) Burnt these leaves  
 (B) Leaves can be use to make manure  
 (C) Leaves can be thrown in open air  
 (D) Leaves are use less
32. Which of the following is not correctly paired?  
 (A) Lungs - Carbondioxide  
 (B) Kidney - Body waste  
 (C) Immune system - Diseases  
 (D) Brain - Digestion
33. June 5 is organized as  
 (A) World environment day (B) World tree day  
 (C) World health day (D) World forest day
34. Noise level is measured in .....  
 (A) Meter (B) Decibels  
 (C) Kilograms (D) Hertz
35. The part of the teeth which we can see when we smile is called the .....  
 (A) Crown (B) Rood  
 (C) Enamel (D) Dentine

## Reasoning and mental ability

36. Write the next term to the series.

B3C, C4E, E6H, H9L .....?.....

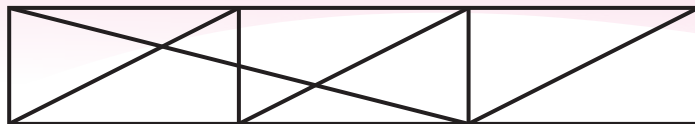
(A) L14N

(B) L13R

(C) L13

(D) K13N

37. How many triangles are there in the figure below?



(A) 17

(B) 18

(C) 16

(D) 15

38. Which of following two shapes can be used to create the above figure?



(A)



(B)



(C)



(D)



39. Find the rule for the pattern given below:

600      650      700      750

(A) Counting by 15

(B) Counting by 20

(C) Counting by 50

(D) Counting by 5

40. If you write down all the numbers from 1 to 60, then how many times do you write 5?

(A) 11

(B) 16

(C) 18

(D) 21

41.  +  + = 30 Rs.

 +  + = 30 Rs.

 +  + = ?

(A) 35

(B) 25

(C) 15

(D) 10

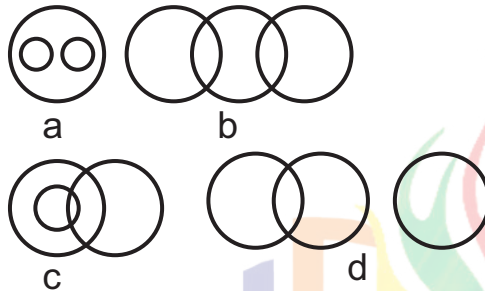
42. The position on the first and the second digits in the number 6793542185 are interchanged. Similarly, the positions of the third and fourth digits are interchanged and so on. which of the following will be the third to the left of the seventh digit from the left end after the arrangement?

(A) Boat (B) Scooter  
(C) Truck (D) Car

43. Pointing to a photograph, a man said, "I have no brother, and that man's father is my father's son." Whose photograph was it?

(A) His son (B) His own  
(C) His father (D) His nephew

44. Which of the following diagrams correctly represents lions, elephants and animals?



(A) a (B) b  
(C) c (D) d

45. If a certain language, NOIDA is coded as OPJEB, how is DELHI coded in that language?

(A) CDKGH (B) EFMIJ  
(C) FGNJK (D) IHLED

46. Peter is in the East of Tom and Tom is in the North of John. Mike is in the south of John then in which direction of peter is Mike?

(A) South-East (B) South-West  
(C) South (D) North-East

47. An animal always has

(A) Skin (B) Heart  
(C) Lungs (D) Life

48. If you are a fitness walker, you don't need to go to a health gym. You also don't need any fitness equipment for workout. All you need is a pair of comfortable athletic shoes.

This paragraph supports which of the following statement;

(A) Fitness walking is better than weight lifting  
(B) Walking outdoors provides more health benefits than walking indoor  
(C) Fitness walking is an effective and convenient form of exercise  
(D) Poorly designed shoes can cause foot injuries

49. Which of the following figures is different form others?



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

50. Pointing to a photograph, a man said, "I have no brother and that man's father is my father's son." Whose photograph was it?  
(A) His son (B) His own  
(C) His father (D) His nephew

### ANSWER KEY

1	C	11	D	21	C	31	A	41	B
2	C	12	D	22	A	32	D	42	A
3	A	13	C	23	C	33	A	43	A
4	D	14	C	24	A	34	B	44	A
5	C	15	B	25	D	35	A	45	B
6	C	16	A	26	C	36	C	46	B
7	A	17	D	27	C	37	A	47	D
8	B	18	A	28	B	38	C	48	C
9	A	19	A	29	D	39	C	49	D
10	A	20	B	30	D	40	B	50	A

