

Grade 5, NSO Level 1 Demo Test

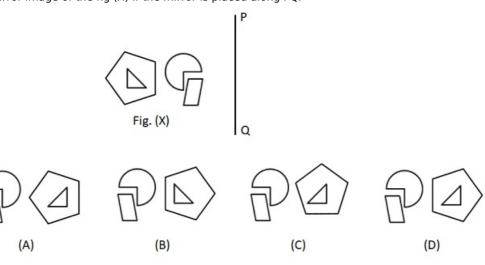
Grade : 5 Total Marks :

60

Time: 1 Hr

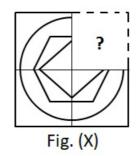
Reasoning

1. Select the correct mirror image of the fig (X) if the mirror is placed along PQ.



A. A **B**. B **C**. C **D**. D

2. Which of the following options can complete the pattern in Fig (X)?





(B)





A. A **B**. B **C**. C **D**. D

3. Which of the following words cannot be formed from the letters of the given word?

SUBJECTIVE

A. SUITE B. JUICER C. JUSTICE D. CUTIE

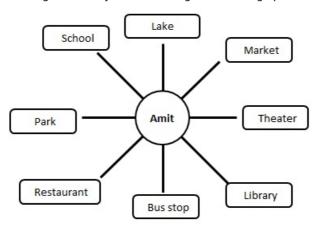
- **4.** There are five friends Rohit, Amit, Sam, Neha and Riya. There all are of different ages. Riya is not the youngest. Amit is elder than Rohit. Neha is younger than Sam. Rohit is second oldest in the group. Arrange the five friends in the order of their ages from youngest to eldest.
- (A) Riya, Neha, Sam, Rohit, Amit.
- (A) Amit, Rohit, Riya, Sam, Neha.
- (A) Neha, Sam, Rohit, Amit, Riya
- (A) Neha, Sam, Riya, Rohit, Amit.
- **A**. A

B. B

C. C

D. D

5. Amit has 8 places around him as shown in the figure. He is facing a place X in the beginning. Then he first turns 90° clockwise and then 225° anticlockwise. He is now facing the Library. Which among the following options is **X**?



- A. Park
- B. Theater

- C. Lake
- D. Bus stop

6. Some letters are numbered 1,2,3,4,5 and 6 as shown. Find the combination of numbers which can be used to create a meaningful word?

A T E M R K
1 2 3 4 5 6

- **A**. 4,5,2,1,3,6
- **B**. 2,1, 5, 6, 3, 4
- **C**. 4,1,5,6,3,2
- **D**. 5, 1, 4, 6, 3, 2

7. In the given letter series, if all vowels are removed which letter is sixth to the right of the letter which is fourth to the left of 'P'?

Q T O V J C M E H U Z P K A N Y S

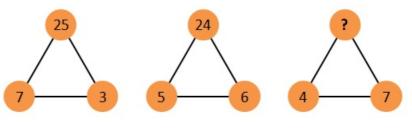
A. K

B. N

C. V

D. H

8. Find the missing number if same rule is followed for all the three figures.



A. 26

B. 32

C. 18

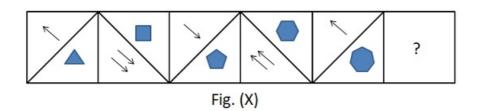
D. 35

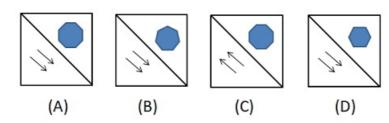
9. Sam drives 10 km East from a point. He then turns to South and drives 5 km. He then turns to West and drives 10 km. He then turns to to North and drives another 10 km to reach his final destination. In which direction is the starting point with respect to his final position?

- A. North
- B. South
- C. East
- **D**. Starting and end points are same

Fig. (X) (B) **A**. A **B**. B **C**. C **D**. D 11. Which of the following figures does not have exactly 2 lines of symmetry? (D) (B) (C)**A**. A **B**. B **C**. C D. D 12. Read the information carefully and answer the question. 1) There are 4 friends in a group: Sam, Tina, Riya and Ravi. 2) Ravi likes organge and banana. 3) Riya likes only apple 4) Sam likes apple and banana 5) Tina likes pineapple and orange Ravi's mother is throwing a fruit party for the group and she wants to buy fruits such that the number of different types of fruits is minimum and everyone gets atleast one fruit he or she likes. What is the minimum number of different types of fruits does she need to buy? **C**. 3 **A**. 4 **B**. 5 **D**. 2 13. In a certain code language KITTEN is written as 97NNLM and BRICK is written as 56789. How will CRICKET be written in that code language? A. 86789LM **B**. 86789LN C. 87698LN **D**. 86789LT 14. Mohit birthday is on 27th day of a month. This year his birthday falls on Sunday. This year and next year are not leap years. On which day will his birthday fall next year? A. Monday B. Tuesday C. Friday **D**. Saturday 15. Which of the following figure will continue the same pattern series as shown in fig(X)?

10. Which of the following figures is embedde in fig. (X)?





A. A **B**. B **C**. C **D**. D

Science

- **16.** Which of the following is not required for photosynthesis :
- 1) Air as plants has sufficient storage of carbon dioxide inside them
- 2) Water because water does not play any role in photosynthesis
- 3) Sunlight as plants can do photosynthesis even in dark
- 4) Chlorophyll as it only helps in absorption of sunlight.
- **A**. 1 only **B**. 2 only **C**. 1, 2 and 3 **D**. None of these
- **17.** Which of the following is not true :
- A) Skeletal system gives shape and support to the body.
- B) The skeletal system along with muscular system helps in movement.
- C) The skeletal system helps in protecting critical organs like heart and brain.

C. C

D) Red blood cells, most white blood cells, and platelets are produced in the bone marrow, the soft fatty tissue inside bone cavities.

D. All are true.

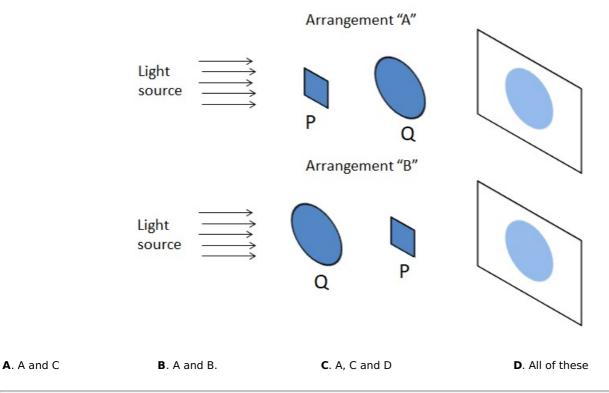
B. D

- **18.** Consider the following statements: A) Pancreas is the largest gland in our body.
- B) Pancreas secretes pepsin.
- **A**. A is correct and B is incorrect **B**. A is incorrect and B is correct **C**. Both are correct **D**. Both are incorrect
- 19. What are the causes of global warming?
- A) Smoke emissions from cars and industries
- B) Deforestation

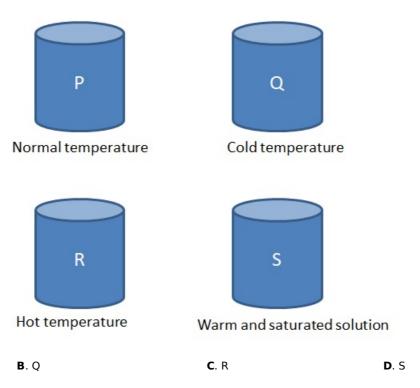
A. A

- C) Burning of fossil fuels
- **A**. A **B**. A and B **C**. A and C **D**. All of these
- 20. Which of the following is false?
- A. Grafting is often used for fruit trees.
- B. Jasmine and rubber plants can grow by layering.
- C. Rose can be propogated by cutting and layering.
- D. Sugarcane can be propogated by cutting.

- **21.** Observe the two arrangements for material P and Q. Q is bigger than P and is placed closed to P. What can be said with surity about the transparency of P and Q?
- A. P is transparent and Q is opaque
- B. P is opaque and Q is transparent
- C. P is opaque and Q is opaque
- D. Q is opaque and P is translucent



22. There are 4 water solution available in beaker P, Q, R and S. Which of these solution will take least time to dissolve 1 spoon of sugar?



23. Match the following:

A. P

A. Shale	1. Quartzite	
B. Limestone	2. Gneiss	
C. Sandstone	3. Marble	
D. Granite	4. Slate	

A. A-4, B-3, C-1, D-2

B. A-2, B-3, C-1, D-4

C. A-4, B-3, C-2, D-1

D. A-2, B-3, C-4, D-1

24. Which of the following are correct?

A.Jupiter has the shortest days among planets in solar system. **B.**Venus has the longest days among planets in solar system.

- **C.**Mercury takes lowest time to orbit around sun.
- **D.**Jupiter is the slowest planet to orbit around Sun.

A. A

B. B

C. C

D. D

25. Which of the following is/are incorrect?

- A. Force of buoyancy acts in liquid only.
- B. Friction acts in opposite direction of motion.
- C. Magnetic needle works because of gravity.
- D. In case of pull force applied and movement are in opposite direction.

A. A and C

B. B and C

C. A, C and D

D. None of these

26. Satellites orbit Earth in ____

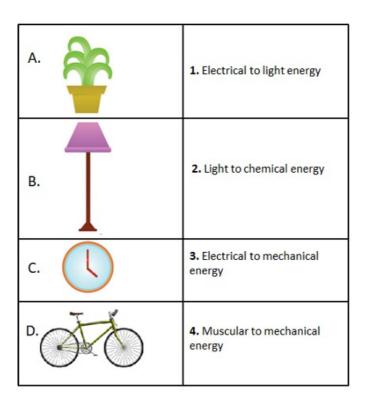
A. troposphere

B. stratosphere

C. mesosphere

D. exosphere

27. Match the following:



A. A-2, B-1, C-3, D-4

B. A-1, B-2, C-3, D-4

C. A-2, B-1, C-4, D-3

D. A-2. B-3. C-1. D-4

28. Who is correct?					
Amit : A wedge is made up of two inclined planes. Sumit : A screw is an inclined planed wrapped around a cylinder.					
A. Amit	B . Sumit	C . Both of them		D . None of them	
	II breathe through its			When it grows up its gills vanish and it nost of its time on land. Which among the	
A. Snake	B . Newt	C.	Dolphin	D . Penguin	
30. Match the follow	ring:				
		A. Vitamin A	1. Strong bones	1	
		B. Vitamin C	2. Clotting of blood		
		C. Vitamin D	3. Good eyesight	-	
		D. Vitamin K	4. Resists infections		
A . A-3, B-4, C-1, D-2	B . A-3, B	-1, C-4 D-2	C . A-3, B-4, C-2, D-1	D . A-3, B-2, C-1, D-4	
31. Which of the foll	owing is not a jovian p	lanet?			
A. Mars	B . Jupiter	C.	Neptune	D . Uranus	
32. The volcano of V	esuvius has not erupt	ed for more than 18	00 years. It is considered	as	
A . active volcano	B . dormant	volcano C . extinct volcano		D . erupting volcano.	
33. Which of the foll	owing are correct?				
B. Earthworms breat C. Snakes breathe th	rrough spiracles, small the through moist skin rrough scaly skin. through gills and skin	•	s.		
A. A and B	B . A, B and C	C	C. A, B and D	D . All of these.	
34. Which of the foll	owing are true?				
B. Salmons migrate tC. Arctic tern makes	to fresh water site for a return journey from a	spawning. rctic to antartica wit	rica to south and west to hin a year. r are longest migrating m		
A . A and B	B . B and C	•	C. C and D	D . All of these	
35. Which of the foll A) Wind energy B) Tidal C) Biomass D) Geothermal	owing is a not renewal	ble source of energy	7?		
A . B B . C	C. D D. All are	e renewable sources	s of energy		

36. We eat all plant parts.	A is a flower,	B is a root,	C are leaves and	D is a stem that we eat.
A . A-Rose, B-Beetroot, C-Cabbage, D-Radish			C . A-wheat, B-potato Cabbage, D-Mint	D . A-Corriander-Beetroot, C-Cabbage, D-Cumin
37. Which of the following	are correct?			
a. Fat stored in our body cob. Fat is essential for absorc. Unsaturated fats are godd. Excessive consumption	rption of vitamins od for the heart.	like A,D, E and K.		
A . a and b	B . b and c	C . a	and d	D . All of these
38. Match the following:				
	A. Wool	1. Brittle, hard	and transparent	
	B. Glass	2. Light, Lustro	us, Warm in winters,	cool in summers
	C. Silk	3. Wrinkle pro	of, durable, warm	
	D. Paper	4. Light, foldak	ole	
A . A-3, B-4, C-2, D-1	B . A-3, B-1,	C-2, D-4	C . A-4, B-1, C-2, D-3	D . A-3, B-2, C-1, D-4
39. Following table is show	ving adaptations b	y "X" type of plants.	Which of the following	can be "X"?
	Ston	nata are present	on both sides of a	leaf.
	Ston	nata are always	open.	
	Wax	y layer of leaves	is absent or very tl	nin.
	Sten	n is not very stro	ng and rigid.	
A. Desert plants	B . Arid plar	nts C .	Aquatic plants	D . Coastal plants
40. Which of the following	are disadvantages	s of deforestation?		
A. Global warming B. Natural habitat destruct C. Soil erosion D. Water pollution	ion			
A . A and C	A. A and C B. C only		nd C	D . All of these
41. Which of the following	is not a physical c	hange?		
A. Boiling of water. B. Boiling of egg. C. Melting of icecream. D. Drying of clothes.				
A . A	B . B		c . C	D . D
42. Which of the following A. Eat fibre-rich diet. B. Include probiotics in food C. Eat balanced diet. D. Drink lots of water.		ring the digestive sy	rstem directly?	

43. Match the following.

A. Faucet	1. Pulley
B. Window blinds	2. Lever
C. Bottle opener	3. Screw
D. Staple	4. Wedge

- **A**. A-4, B-1, C-2, D-3
- **B**. A-3, B-2, C-1, D-4
- **C**. A-2, B-1, C-3, D-4
- **D**. A-3, B-1, C-2, D-4

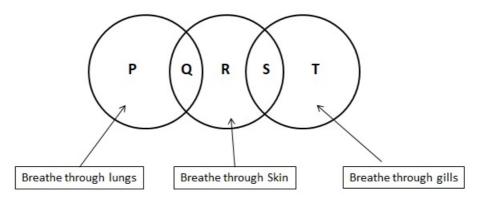
44. Match the following.

A. Good vision	1. Snake
B. Good smelling power	2. Kite
C. Flexible jaws	3. Bat
D. Use sound to navigate	4. Mosquito

- **A**. A-2, B-4, C-1, D-3
- **B**. A-3, B-4, C-1, D-2
- **C**. A-2, B-1, C-4, D-3
- **D**. A-1, B-4, C-2, D-3
- **45.** Sam performed an experiment. He weighed an empty balloon. He then blew the balloon and measured the weight of fully blown balloon. What is his observation?
- A. Empty balloon will be heavier
- $\boldsymbol{\mathsf{B}}.$ Fully blown balloon will be heavier
- **C**. Both will have same weight
- D. don't know

Achievers Section

- 46. Consider the venn diagram shown below. Identify which of the following statement is true regarding P, Q, R, S and T?
- A. Q is tadpole.
- B. R is earthworm.
- C. S is frog.
- D. T is dolphin.



B. B

C. C

D. D

47. Consider the statements given below.

Statement A: When there is summer in northern hemisphere there is winter in southern hemisphere.

Statement B: The two hemispheres have opposite seasons because one of the hemisphere is more exposed to Sun than other because of Earth's tilted axis.

A. Only A is correct B. Only B is correct C. Both are correct but B does not explains A

D. Both are correct and B explains A

48. Shyam has grouped some plants on the basis of their seed dispersal methods and agents. He wants to put cocklebur in one of the group. Which group will be best suited for cocklebur?

Р	Q	R	S
dandelions, swan plants, cottonwood, maple	peas, beans, ladyfingers	Black berry, cherries, apple	Water lily, palm, mangroves

A. P

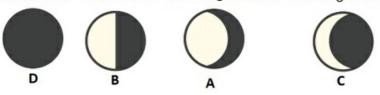
B. Q

C. R

D. S

49. Arrange the following moon phases in order.

New Moon Last Quarter Wanning Gibbous Wanning Crescent



A. C->B->D->A

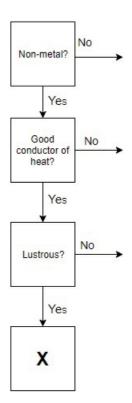
B. A->C->B->D

C. A->B->C->D

D. D->B->C->A

50. Observe the flowchart shown below. X can be _____

- A. Graphite
- B. Mercury
- C. Silver
- D. Diamond



A. A

B. B

C. B and C

D. A and D