## PRACTICE SET

A Whole Content Based Test for Class 9th Reasoning Asiad

- Directions (Q. Nos. 1-2) In each of the following questions, a series is given. One term of this series is missing. Identify the missing term from among the four given alternatives.
  - **1.** 1, 2, 5, 16, ?
    - A 50
- **B** 64
- **C** 60
- D 65

17

- **2.** 5Q8, 8P6, 11O4, 14N2, ?
  - A 6 M0 В
- 17 M0 С D 16 M10
- М3

**B** 4

- **Directions**
- (Q. Nos. 3-4) From amongst the four alternatives, determine which term completes the second pair in the same way as the first pair.
- **3.** 27:9::8:?
  - A 6
- **C** 2
- D 10
- **4.** ARM : ZBQSLN : CAT : ?
  - A BDZBSU
- **B** ADZCSU
- c DBBZUS
- D BDZBRS
- 5. A term of the series given below is wrong. Identify the wrong term.
  - 5, 7, 10, 14, 20, 25
  - A 10
- **B** 7
- C 20
- D 25
- 6. Find the missing term that will replace the question mark (?).





С

20



10. Which of the following figures best illustrates the relationship amongst 'Shirt, Pocket and Collar'?



- Ravi starts walking towards West. After walking 50 m, he turns to the right and walks 15 m. Again he turns to the right and walks a distance of 30 m, before finally turning to the right and covering a distance of 15 m. How far is Ravi from the starting point and in which direction?
  - A 20 m, East
- B 30 m, West
- C 15 m, East
- D 20 m, West
- **12.** From amongst the four answer figures marked (a), (b), (c), and (d). Choose the one which satisfies the same conditions of positioning of the dots as in figure (X).











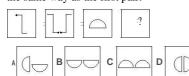
Pointing to a photograph, Nisha said, "She is the sister of the son of my husband's wife." How is Nisha related to the girl in the photograph?

- B Daughter C
- Aunt
- D Sister
- **Directions** (Q. Nos. 14-15) Read the following information carefully and answer the questions that follow.
  - Five friends A, B, C, D and E like five different colours-Red, Blue, Green, Yellow and Orange and commute by different modes of transport, viz. Bus, Train, Motorbike, Scooter and Bicycle.
  - The person who likes a Green doesn't travel by Bicycle.
  - C likes Yellow and commutes by Scooter whereas B likes Blue and commutes by Motorbike.
    - E commutes by Train whereas D commutes by Bicycle.
    - The one who travels by Bus likes neither red nor Green colour.

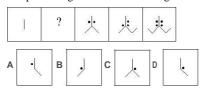
PRACTICE SET 1	7.	In the following first set the word in the box is formed from some letters of either sides words in a particular pattern. Insert a word in second set using the same pattern.  TACIT CABIN BINARY ITALIC? LASER  A LARVA B ATLAS C ATOMIC D LOBOR
	8.	
	9.	A 34th B 25th C 24th D 9th Which letter would replace the question mark in the two letter sets given below such that it completes the two words given on either side of the question mark in each of the two letter sets?  BOL?USK SHE?OWN A H B E C R D D
120		

- **14.** Who among the following likes 'Green' colour?

- 15. Which of the following combination of colours and mode of transports is not correct?
  - A Bule-Motorbike
- B Orange-Train
- c Red-Bicycle
- D Green-Train
- **16.** B is taller than C and D but not as tall as A. F is shorter than E, who is shorter than both C and D. Who among them is the third in the descending order of heights?
  - A B
- в С
- C D
- D Either C or D
- 17. Choose the figure which completes the second pair in the same way as the first pair.



**18.** Choose the figure from amongst the four given alternatives that can replace the question mark to complete the given series of five figures.



19. Identify the correct mirror image of the below figure.













**20.** How many circles are there in the given figure?



- Α
- в 7
- D None of these
- 21. Except one, all the figures given below are similar in some way. Identify the odd one out.











22. Identify the correct water image of the given figure.







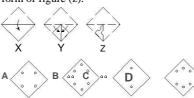




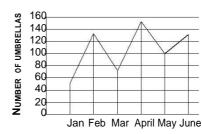


**23.** Two positions of a die are shown below. Which number will be on the top when the number 6 is at the bottom?

- Α C 3
- В D
- 24. If 1st March, 2012 was Thursday, then what would be the day on 1st March, 2016?
  - Sunday
- **B** Monday
- Tuesday С
- D Thursday
- **25.** Given below is a set of three figures X, Y and Z showing a sequence of folding of a piece of paper. Figure Z shows the manner in which the folded paper has been cut. From amongst the four answer figures (a), (b), (c) and (d), choose the one showing the unfolded form of figure (z).



Directions (Q. Nos. 26-27) Read the information given below carefully and answer the questions that follow. The below graph shows the sale of umbrellas over a period of six months from January-June.



- What is the ratio between the maximum and the minimum number of umbrellas sold?
  - 2:1 Α
- **B** 3:1
- 3:2 С
- D 4:3
- What is the percentage increase in the sale of umbrellas from January to February?
  - 160 Α 145 С
- в 120 D 150
- **28.** The price of a car and washing machine are in the ratio of 11:7. If a car costs `8000 more than a washing machine, then find out the price of car.
  - Α 20000 ` 14000
- B `22000 D `18000
- **29.** A man spend 40% of his income on sports and education 20% on food and 70% of the remaining on house rent. What per cent of his income he is left with?
  - 10%

2

- в 11%
- 12%
- D 13%

**30.** A seller sells a book at a profit of 25%. If he had bought it at 25% less and sold for `20 less, he would have gained 20%. Find the cost price of the book.

> A ` 52.90 B ` 57 C`58.14 D` 57.14

**31.** Find the compound interest at the rate of 10% per annum for four years on the principal which in four years at the rate of 4% per annum gives ` 1600 as simple interest.

Α ` 4641 ` 4600 В ` 4741 С

` 4800

32. The average of 20 values is 27 and if each value is multiplied by 2, find the new average.

> A 52 **B** 54 **C** 57 D 59

33. Rahul can do a piece of work in 5 days and Sumit can do it in 6 days. How long will they take, if both Rahul and Sumit work together?

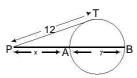
A 2 8 days 11 C 23 days 7

B  $2\frac{5}{11}$  days D  $2\frac{1}{2}$  days

**34.** Without any stoppage a person travels a certain distance at an average speed of 80 km/h and with stoppage he covers the same distance at an average speed of 60 km/h. How many minutes per hour does he stop?

**A** 45 min **c** 30 min **B** 15 min D 20 min

**35.** Find the value of *X* in the given figure



9 С 16 **B** 25 D 13