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IBPS 2011 CWE FOR PO : REASONING
QUESTION PAPER

1. A school bus driver starts from the school, drives 2 km towards North, takes a left turn and drives for 5 km. He then takes a left turn and drives for 8 km before taking a left turn again and driving for 5 km. The driver finally takes a left turn and drives 1 km before stopping. How far and towards which direction should the driver drive to reach the school again ?

- (A) 3 km towards North
- (B) 7 km towards East
- (C) 6 km towards South
- (D) 6 km towards West
- (E) 5 km towards North

Directions—(Q. 2 and 3) Read the following information carefully and answer the questions which follow—

A, B, C, D, E and F live on different floors in the same building having six floors numbered one to six (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 6).

A lives on an even numbered floor. There are two floors between the floors on which D and F live. F lives on a floor above D's floor. D does not live on floor number 2. B does not live on an odd numbered floor. C does not live on any of the floors below F's floor. E does not live on a floor immediately above or immediately below the floor on which B lives.

2. Who amongst the following live on the floors exactly between D and F ?

- (A) E, B (B) C, B
- (C) E, C (D) A, E
- (E) B, A

3. On which of the following floors does B live ?

- (A) 6th (B) 4th
- (C) 2nd (D) 5th
- (E) Cannot be determined

Directions—(Q. 4 and 5) Study the following information to answer the given questions :

In a five letter English word (which may or may not be a meaningful English word), there are two letters between L and P. S is not placed immediately next to L. There is only one letter between S and A. S is towards the right of A. S is not placed immediately Next to E.

4. Which of the following is correct with respect to the word thus formed ?

- (A) E is at one of the extreme ends of the word
- (B) P is not placed immediately next to A
- (C) There are two letters between A and E in the word thus formed
- (D) P is placed second to the right of E
- (E) None is correct

5. Which of the following words will be formed based on the given conditions ?

- (A) SPAEL (B) PEALS
- (C) LEAPS (D) SEPAL
- (E) LAPSE

Directions—(Q. 6-10) In each question below are two/three statements followed by two conclusions numbered I and II. You have to take the two/three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answers—

- (A) If only conclusion I follows.
- (B) If only conclusion II follows.
- (C) If either conclusion I or conclusion II follows.
- (D) If neither conclusion I nor conclusion II follows.

(E) If both conclusion I and conclusion II follow.

(Statement for Q. 6 and 7)

Statements :

- All gliders are parachutes.
- No parachute is an airplane.
- All airplanes are helicopters.

6. **Conclusions :**

- I. No glider is an airplane.
- II. All gliders being helicopters is a possibility.

7. **Conclusions :**

- I. No helicopter is a glider.
- II. All parachutes being helicopters is a possibility.

8. **Statements :**

- Some mails are chats.
- All updates are chats.

Conclusions :

- I. All mails being updates is a possibility.
- II. No update is a mail.

(Statement for Q. 9 and 10)

Statements :

- No stone is a metal.
- Some metals are papers.
- All papers are glass.

9. **Conclusions :**

- I. All stones being glass is a possibility.
- II. No stone is a paper.

10. **Conclusions :**

- I. No glass is a metal.
- II. Atleast some glass is metal.

Directions—(Q. 11-15) Study the following information to answer the given questions :

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement. (All the numbers are two digits numbers.)

Input : sine 88 71 cos theta 14 56
gamma delta 26

Step I : cos sine 71 theta 14 56
gamma delta 26 88

Step II : Delta cos sine theta 14 56
gamma delta 26 88 71

Step III: gamma delta cos sine
theta 14 26 88 71 56

Step IV: sine gamma delta cos
theta 14 88 71 56 26

Step V : theta sine gamma delta
cos 88 71 56 26 14

and Step V is the last Step of the arrangement of the above input as the intended arrangement is obtained.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input. Input for the questions :

Input : for 52 all 96 25 jam road 15
hut 73 bus stop 38 46

(All the numbers given in the arrangement are two digit numbers)

11. Which word/number would be at the 6th position from the left in Step V ?
(A) 25 (B) stop
(C) jam (D) all
(E) road
12. Which of the following would be the Step III ?
(A) hut for bus all 25 jam road 15 stop 38 96 73 52 46
(B) for bus all 25 jam road 15 hut 38 stop 96 46 73 52
(C) hut for bus all jam road 15 stop 38 96 73 52 46 25
(D) for bus all 25 jam road 15 hut stop 38 46 96 73 52
(E) None of these
13. Which word/number would be at 8th position from the right in Step IV ?
(A) 15 (B) road
(C) hut (D) jam
(E) stop
14. Which of the following would be Step VII ?
(A) stop road jam hut for bus all 15 96 73 52 46 38 25
(B) road jam hut for bus all stop 15 25 38 46 52 73 96

(C) stop road jam hut for bus all 96 73 52 46 38 25 15

(D) jam hut for bus all 25 road stop 15 96 73 52 46 38

(E) There will be no such step as the arrangement gets established at Step VI

15. Which step number would be the following output ?
bus all for 52 25 jam road 15 hut stop 38 46 96 73
(A) There will be no such step
(B) III
(C) II
(D) V
(E) VI

Directions—(Q. 16–20) Study the following information carefully and answer the given questions.

Representatives from eight different Banks viz. A, B, C, D, E, F, G and H are sitting around a circular table facing the centre but not necessarily in the same order. Each one of them is from a different Bank viz. UCO Bank, Oriental Bank of Commerce, Bank of Maharashtra, Canara Bank, Syndicate Bank, Punjab National Bank, Bank of India and Dena Bank.

F sits Second to right of the representative from Canara Bank. Representative from Bank of India is an immediate neighbour of the representative from Canara Bank. Two people sit between the representative of Bank of India and B. C and E are immediate neighbours of each other. Neither C nor E is an immediate neighbour of either B or the representative from Canara Bank. Representative from Bank of Maharashtra sits second to right of D. D is neither the representative of Canara Bank nor Bank of India. G and the representative form UCO Bank are immediate neighbours of each other. B is not the representative of UCO Bank. Only one person sits between C and the representative from Oriental Bank of Commerce.

H sits third to left of the representative form Dena Bank. Representative form Punjab National Bank sits second to left of the representative from Syndicate Bank.

16. Who amongst the following sit exactly between B and the representative from Bank of India ?
(A) A and the representative from UCO Bank
(B) F and G
(C) H and the representative from Bank of Maharashtra
(D) H and G
(E) Representatives from Syndicate Bank and Oriental Bank of Commerce
17. Who amongst the following is the representative from Oriental Bank of Commerce ?
(A) A (B) C
(C) H (D) G
(E) D
18. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which is the one that **does not** belong to that group ?
(A) H – UCO Bank
(B) A – Canara Bank
(C) D – Bank of Maharashtra
(D) E – Syndicate Bank
(E) F – Punjab National Bank
19. Who amongst the following sits second to left of B ?
(A) C
(B) H
(C) The representative from Canara Bank
(D) The representative from Punjab National Bank
(E) G
20. Which of the following is **true** with respect to the given seating arrangement ?
(A) B is the representative from Bank of Maharashtra
(B) C sits second to right of H
(C) The representative from Dena Bank sits to the immediate left of the representative from UCO Bank
(D) A sits second to right of the representative from Bank of India
(E) The representatives from Bank of Maharashtra and Syndicate Bank are immediate neighbours of each other

Directions—(Q. 21–25) Each of the questions below consists of a question and three statements numbered I, II and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

21. How many daughters does W have ?
 I. B and D are sisters of M.
 II. M's father T is husband of W.
 III. Out of the three children which T has, only one is a boy.
 (A) Only I and III
 (B) All I, II and III are required to answer the question
 (C) Only II and III
 (D) Question cannot be answered even with all I, II and III
 (E) Only I and II
22. Who among A, B, C, D, E and F each having a different height, is the tallest ?
 I. B is taller than A but shorter than E.
 II. Only two of them are shorter than C.
 III. D is taller than only F.
 (A) Only I and II
 (B) Only I and III
 (C) Only II and III
 (D) All I, II and III are required to answer the question
 (E) All I, II and III are not sufficient to answer the question
23. How is 'go' written in a code language ?
 I. 'now or never again' is written as 'tom ka na sa' in that code language.
 II. 'you come again now' is written as 'ja ka ta sa' in that code language.
 III. 'again go now or never' is written as 'na ho ka sa tom' in that code language.
 (A) Only I and III
 (B) Only II and III
 (C) Only I and II
 (D) All I, II and III are required to answer the question
 (E) None of these

24. Towards which direction is village J from village W ?
 I. Village R is to the west of Village W and to the north of Village T.
 II. Village Z is to the east of Village J and to the south of Village T.
 III. Village M is to the north east of Village J and North of Village Z.
 (A) Only III
 (B) Only II and III
 (C) All I, II and III are required to answer the question
 (D) Question cannot be answered even with all I, II and III
 (E) None of these
25. On which day of the week starting from Monday did Suresh visit Chennai ?
 I. Suresh took leave on Wednesday.
 II. Suresh visited Chennai the day after his mother's visit to his house.
 III. Suresh's mother visited Suresh's house neither on Monday nor on Thursday.
 (A) Only II and III
 (B) Only I and II
 (C) Only I and III
 (D) All I, II and III are required to answer the question
 (E) Question cannot be answered even with all I, II and III

Directions—(Q. 26–30) Study the following information carefully and answer the questions given below—

P, Q, R, S, T, V, W and Z are travelling to three destinations Delhi, Chennai and Hyderabad in three different vehicles - Honda City, Swift D'Zire and Ford Ikon. There are three females among them one in each car. There are at least two persons in each car.

R is not travelling with Q and W. T, a male, is travelling with only Z and they are not travelling to Chennai. P is travelling in Honda City to Hyderabad. S is sister of P and travels by Ford Ikon. V and R travel together. W does not travel to Chennai.

26. Who is travelling with W ?
 (A) Only Q
 (B) Only P
 (C) Both P and Q
 (D) Cannot be determined
 (E) None of these
27. Members in which of the following combinations are travelling in Honda City ?
 (A) PRS
 (B) PQW
 (C) PWS
 (D) Data inadequate
 (E) None of these
28. In which car are four members travelling ?
 (A) None
 (B) Honda City
 (C) Swift D'zire
 (D) Ford Ikon
 (E) Honda City or Ford Ikon
29. Which of the following combinations represents the three female members ?
 (A) QSZ
 (B) WSZ
 (C) PSZ
 (D) Cannot be determined
 (E) None of these
30. Members in which car are travelling to Chennai ?
 (A) Honda City
 (B) Swift D'Zire
 (C) Ford Ikon
 (D) Either Swift D'Zire or Ford Ikon
 (E) None of these
31. There has been a spate of rail accidents in India in the recent months killing large numbers of passengers and injuring many more. This has raised serious doubts about the railway's capability of providing safety to travellers.
 Which of the following statements **substantiates** the views expressed in the above statement ?
 (A) Indian Railways has come to be known to provide best passenger comfort in the recent years

- (B) People have no option other than travelling by rail over long distances.
- (C) The railway tracks at many places have been found to be stressed due to wear and tear in the recent times.
- (D) Local residents are always the first to provide a helping hand to the passengers in the event of such disasters.
- (E) None of these
32. It has been reported in many leading newspapers that the current year's monsoon may be below the expected level as many parts of the country are still not getting adequate rainfall.
- Which of the following can be a possible **fallout** of the above situation ?
- (A) People from those affected areas with less rainfall may migrate to urban areas
- (B) Govt. may announce ex-gratia payment to all the farmers affected in these areas
- (C) Govt. may declare these areas as drought affected areas
- (D) People may blame the govt. and agitate for not getting adequate water for cultivation
- (E) None of these
33. The condition of the roads in the city has deteriorated considerably during the first two months of monsoon and most of the roads have developed big pot holes.
- Which of the following can be a possible **effect** of the above cause ?
- (A) The municipal corporation had repaired all the roads in the city before onset of monsoon with good quality material
- (B) A large number of people have developed spine related injuries after regularly commuting long distances by road within the city
- (C) The municipal corporation has been careful in choosing the contractors for repairing roads in the past
- (D) People always complain about potholed roads during the monsoon months
- (E) None of these
34. It has been reported in recent years that a very large number of seats in the engineering colleges in the country remain vacant at the end of the admission session. Which of the following may be the probable **cause** of the above effect ?
- (A) There has been a considerable decrease in hiring of engineering graduates due to economic slow-down in the recent years
- (B) Students have always preferred to complete graduation in three years time instead of four years for engineering
- (C) The Govt. has recently decided to provide post qualification professional training to all engineering graduates at its own cost
- (D) There has always been a very poor success rate among the engineering students
- (E) None of these
35. Majority of the students who appeared in the final examination of post graduate course in management in the local college have secured first class which is comparatively higher than the performance of students of other management colleges in the state.
- Which of the following may indicate that the results are **not in line** with the general trend ?
- (A) The students of the local college are qualitatively better than those of other colleges
- (B) The authorities of the other management colleges in the state are stricter in their standard of evaluation for their students
- (C) The students of other management colleges in the state performed better than the students of the local college in all the previous examinations
- (D) The local management college recently retrenched many of its regular faculty members
- (E) None of these
36. A very large number of technically qualified young Indians are coming out of colleges every year though there are not enough opportunities for them to get gainful employment.
- Which of the following **contradicts** the views expressed in the above statement ?
- (A) Technically qualified persons are far superior to those with standard degrees like BA/B.Sc./B.Com. etc.
- (B) The Govt. has not done effective perspective planning for engaging technically qualified personnel while authorising the setting up of technical colleges
- (C) A huge gap exists between the level of competence of technically qualified graduates and requirement of the industry
- (D) Majority of the technically qualified persons are migrating from India to developed countries for better opportunities
- (E) None of these
37. The govt. has appealed to all citizens to use potable water judiciously as there is an acute shortage in supply. Excessive use may lead to huge scarcity in future months.
- Which of the **assumptions** is implicit in the above statement ?
- (A) People may ignore the appeal and continue using water as per their consideration
- (B) Govt. may be able to tap those who do not respond to the appeal
- (C) Govt. may be able to put in place alternate sources of water in the event of a crisis situation
- (D) Large number of people may positively respond to the govt.'s appeal and help tide over the crisis
- (E) Only poor are going to suffer from this shortage of water supply

38. A few travellers were severely beaten up by villagers recently in a remote rural part of the state as the villagers found the movement of the travellers suspicious. The district authority has sent a police team to nab the culprits. Which of the following inferences can be drawn from the above statement ?

- (A) The villagers dislike presence of strangers in their vicinity
- (B) Villagers are generally suspicious in nature
- (C) Travellers prefer to visit countryside
- (D) The government generally provides protection to travellers across the country
- (E) None of these

39. There has been a considerable drop in sales of four wheelers during the past six months when compared to the number of four wheelers sold during this period last year.

- Which of the following can be the probable cause of the above phenomenon ?
- (a) The govt. has imposed higher excise duty on four wheelers at the beginning of this year.
 - (b) The petrol prices have risen considerably during the past eight months.
 - (c) The rate of interest on home and car loans have been rising for the past seven months.
- (A) All (a), (b) and (c)
 - (B) (a) and (c) only
 - (C) (b) and (c) only
 - (D) (b) only
 - (E) (a) only

40. There is an alarming trend of skewed sex ratio against women in India during the past decade and situation may get out of hand if adequate steps are not taken to stop female foeticide. Which of the following can be an effective step to reverse the trend ?

- (a) The Govt. should immediately completely ban use of scanners/sonography on expectant mothers at all health centres.
 - (b) The Govt. should announce a substantial incentive scheme for couples who have at least one girl child.
 - (c) The Govt. should launch a nationwide campaign to create awareness against female foeticide.
- (A) (a) only
 - (B) (a) and (b) only
 - (C) (b) and (c) only
 - (D) All (a), (b) and (c)
 - (E) None of these

Directions—(Q. 41–45) The first figure in the first unit of the problem figures bears a certain relationship to the second figure. Similarly one of the figures in the answer figures bears the same relationship to the second figure in the second unit of the problem figures. You are therefore to locate the figure which would fit in the question mark.

	Problem Figures		Answer Figures				
41.							
42.							
43.							
44.							
45.							

Directions—(Q. 46–50) In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued ?

	Problem Figures		Answer Figures				
46.							
47.							
48.							
49.							
50.							