

## Analytical Reasoning

Generally 3 to 5 questions are covered from this topic. Here some previous questions are there.

**Directions (1 to 5):** Study the following information carefully and answer the given questions: **(Corporation Bank PO 2011)**

One of the Seven subjects Viz. Math's, Zoology, Botany, Chemistry, Physics, English and Statistics is taught on one day in a week starting from Monday and ending on Sunday. Chemistry is taught on Thursday. English is taught the day immediately next to the day when Zoology is taught. English is neither taught on Tuesday nor Saturday. Only one lecture is held between Chemistry and Botany. Two Lectures are scheduled between Maths and Zoology. Statistics is neither taught on Monday nor Sunday.

1. On which of the following days is Physics taught?  
(a) Monday      (b) Tuesday  
(c) Wednesday      (d) Thursday  
(e) Friday
2. How many subjects are taught between Botany and Zoology?  
(a) None    (b) One    (c) Two    (d) Three    (e) Four
3. Which of the following subjects is taught on Saturday?  
(a) Botany      (b) Statistics  
(c) Zoology      (d) Maths      (e) Physics
4. On which of the following days is Statistics taught?  
(a) Tuesday      (b) Wednesday  
(c) Thursday      (d) Friday  
(e) Cannot be determined.

5. If Statistics is related to Zoology and Physics is related to Botany in a certain way, then to which of the following would Chemistry be related to, following the same pattern?

- (a) Maths            (b) Statistics  
(c) Physics          (c) English  
(e) Cannot be determined

**Key ( 1 to 5)**

Days	Subject
Monday	Physics
Tuesday	Botany
Wednesday	Maths
Thursday	Chemistry
Friday	Statistics
Saturday	Zoology
Sunday	English

1. (a) Physics is taught on Monday.
2. (d) Three subjects are taught between Botany and Zoology
3. (c) Zoology is taught on Saturday
4. (d) Statistics is taught on Friday
5. (e) Zoology is taught on the next day on Statistics. Statistics is taught on the next day of Chemistry.

**Directions (6 to 8):** Study the following information carefully and answer the given questions: **(United Bank of India PO 2010)**

In a seven-storey building, having floors numbered one to seven, P,Q,R,S,T and V each live on a different floor. (The Ground Floor is numbered floor No.1, the floor above it floor No.2 and so on) . One of the floors in the building is vacant. P lives on the fifth floor. No floor below fifth

floor is vacant; also no odd numbered floor is vacant. Only S lives between 'T' and V. T does not live on an odd numbered floor. T does not live on a floor immediately above or immediately below R's floor. Q does not live on the bottom most floor.

6. Who lives on the top most floor?  
(a) Q (b) S (c) R (d) V  
(e) No one as it is vacant.
7. On which of the following floors does R Live?  
(a) Seventh (b) Sixth  
(c) Third (d) Second (e) First
8. Which of the following floors is vacant ?  
(a) Seventh (b) Sixth (c) Third  
(d) Second (e) Fourth

Key

<u>Floor No</u>	<u>Living Person</u>
7	Q
6	Vacant
5	P
4	T
3	S
2	V
1	R

6. ( a ) Q lives on the topmost floor  
7. ( e ) R lives on the first floor  
8. ( b ) Sixth floor is vacant

**Directions (9 to 13):** Study the following information carefully and answer the given questions: (United Bank of India PO 2010)

In a sports event, different games are scheduled to be held on seven days, starting on Monday and ending on Sunday. Two games are scheduled to be held on Saturday as well as on Sunday and one game on each of the

remaining five days. The games to be held in these seven days are: Basketball, Football, Boxing, Sprinting, Swimming, shooting, weightlifting, wrestling, and cycling, but not necessarily in the same order.

Shooting is scheduled to be held on Thursday. Boxing and Cycling are scheduled to be held on the same day. Wrestling is scheduled to be held three days before basketball, i.e. two sports are scheduled between wrestling and basketball. Wrestling is not scheduled to be held on Wednesday. Weightlifting is scheduled immediately after the day boxing is scheduled. Football is scheduled immediately after the day wrestling is scheduled. Swimming is not scheduled on Monday.

9. Which of the following games is scheduled to be held on Friday?

- (a) Basketball
- (b) Wrestling
- (c) Swimming
- (d) Weightlifting
- (e) Sprinting

10. Which of the following games is scheduled to be held on Sunday?

- (a) Football
- (b) Wrestling
- (c) Basketball
- (d) Cycling
- (e) Swimming.

11. On which of the following days is sprinting scheduled?

- (a) Saturday
- (b) Friday
- (c) Wednesday
- (d) Monday
- (e) Cannot be determined.

12. On which of the following days is weightlifting scheduled?

- (a) Monday
- (b) Tuesday
- (c) Wednesday
- (d) Friday
- (e) Sunday

13. Shooting is related to Basketball in the same way as Wrestling is related to
- (a) Sprinting (b) Football  
(c) Shooting (d) Weightlifting  
(e) Boxing

**Key**

Day	Games
Monday	Sprinting
Tuesday	Wrestling
Wednesday	Football
Thursday	Shooting
Friday	Basketball
Saturday	Boxing, Cycling
Sunday	Swimming, Weightlifting

9. ( a ) Basketball is scheduled to be held on Friday.  
10. ( e ) Swimming is scheduled to be held on Sunday.  
11. ( d ) On Monday is Sprinting scheduled.  
12. ( e ) On Sunday is Weightlifting scheduled.  
13. ( b ) Basketball is scheduled immediately after the day Shooting is scheduled in the same way as Football is scheduled immediately after the day Shooting is scheduled Wrestling.

**Directions (14 to 18):** Study the following information to answer the questions: **(Central Bank of India PO 2010)**

- (a) Six plays are to be organized from Monday to Sunday – One Play each day with one day when there is no play: “No Play” day is not Monday or Sunday.  
(b) The Plays are held in sets of 3 plays each in such a way that 3 plays are held without any break i.e. 3 plays are held in such a way, that

there is no 'No Play' day between them but immediately before this set or immediately after this set it is 'No play' day.

- (c) Play Z is held on 26<sup>th</sup> and play X was held on 31<sup>st</sup> of the same month.
- (d) Play B was not held immediately after play A (but was held after A, not necessarily immediately) and play M was held immediately before Q.
- (e) All the six plays were held in the same month.

14. Which Play was organized on Monday?

- (a) Z
- (b) M
- (c) Q
- (d) Cannot be determined.
- (e) None of these

15. Which day was play Z Organized ?

- (a) Tuesday
- (b) Monday
- (c) Wednesday
- (d) Cannot be determined
- (e) None of these.

16. Which date was a "No Play" day?

- (a) 26<sup>th</sup>
- (b) 28<sup>th</sup>
- (c) 29<sup>th</sup>
- (d) Cannot be determined
- (e) None of these.

17. Which of the following is true?

- (a) Play B is held immediately before Play M.
- (b) Play Z is held after play B
- (c) There was a gap after 2 plays and then 4 plays were organized.
- (d) First play was organized on the 25<sup>th</sup>.
- (e) Play B was held on Friday.

18. Which day was play Q organized?

- (a) Friday
- (b) Wednesday
- (c) Saturday
- (d) Cannot be determined.

(e) None of these.

**Key**

(14-18):

Day	Date	Play
Monday	26 <sup>th</sup>	A
Tuesday	26 <sup>th</sup>	Z
Wednesday	27 <sup>th</sup>	B
Thursday	28 <sup>th</sup>	No play
Friday	29 <sup>th</sup>	M
Saturday	30 <sup>th</sup>	Q
Sunday	31 <sup>st</sup>	X

14. (e) Play A was organized on Monday  
15. (a) Play Z was organized on Tuesday  
16. (b) 28<sup>th</sup> was 'No Play' day.  
17. (d) First Play was organized on 25<sup>th</sup>  
18. (c) Play Q was organized on Saturday.

**Direction (19-23):** Study the following information and answer the questions given below it. **CANARA BANK – 2009:**

Seven Members H, I, J, K, L, M and N are working in different cities Ahmadabad, Bangalore, Chennai, Hyderabad, Kolkata, Delhi and Mumbai not necessarily in the same order, Each one has a different mother tongue Tamil, Kannada, Telugu, Hindi, Marathi, Punjabi and Bangla not necessarily in the same order.

J works in Bangalore and his mother tongue is not Tamil or Marathi. K's mother tongue is Punjabi and he works in Ahmadabad. L and M do not

work in Chennai and none of them has Marathi mother tongue. I works in Hyderabad and his mother tongue is telugu. The one who works in Delhi has Bangla Mother tongue. N works in Mumbai and his mother tongue is Hindi. L does not work in Kolkata.

19. What is J's mother tongue?  
(a) Telugu (b) Hindi  
(c) Bangla (d) Kannada  
(e) None of these
20. Who works in Chennai?  
(a) H (b) L  
(c) M (d) L or M  
(e) None of these
21. Which of the following combination is correct?  
(a) Marathi –I- Hyderabad (b) Tamil-M-Kolkata  
(c) Marathi-I-Chennai (d) Punjabi-K-Delhi  
(e) None of these.
22. Who works in Delhi?  
(a) H (b) M  
(c) L (d) K  
(e) None of these
23. What is M's mother tongue?  
(a) Bangla (b) Marathi  
(c) Telugu (d) Cannot be determined  
(e) None of these

(19-23):

Member	City	Mother Tongue
H	Chennai	Marathi
I	Hyderabad	Telugu
J	Bangalore	Kannada
K	Ahmadabad	Punjabi

L	Delhi	Bangla
M	Kolkata	Tamil
N	Mumbai	Hindi

19. ( d ) J's mother tongue is Kannada

20. ( a ) H works in Chennai

21. ( b ) Tamil – M – Kolkata is correct

22. ( c ) L works in Delhi

23. ( e ) M's mother tongue is Tamil

**Directions (24-28):** Study the following information carefully and answer the questions given below: **ANDHRA BANK PO 2009:**

P, Q, R, S, T and M are six students of a school, one each studies in Class I-VI, Each of them has a favourite colour from red, black, blue, yellow, pink and green, not necessarily in the same order.

Q likes black and does not study in Class IV or V. The one who studies in class IV does not like green. P studies in Class II. M likes blue and does not study in class IV. The one who likes yellow studies in class VI. S likes pink and studies in class I. R does not study in class VI.

24. In which class does R Study ?

- (a) V (b) III  
(c) IV (d) Data inadequate  
(e) None of these.

25. Which colour does R like?

- (a) Black (b) Yellow  
(c) Green (d) blue  
(e) None of these

26. Which colour does P like?

- (a) Green (b) Yellow  
(c) Red (d) Data inadequate  
(e) None of these

27. Which of the following combinations is correct ?

- (a) P-II-Yellow (b) Q-III-Green  
(c) S-I-Black (d) T-V-Yellow  
(e) None of these

28. In which class does M Study?

- (a) IV (b) III  
(c) II (d) V  
(e) None of these.

**Key (24 to 28)**

Student	Class	Favourite Colour
P	II	Green
Q	III	Black
R	IV	Red
S	I	Pink
T	VI	Yellow
M	V	Blue

24. ( c ) R studies in class IV

25. ( e ) R likes Red Colour

26. ( a ) P likes Green colour

27. ( e ) None of these is correct

28. ( d ) M studies in class V

**Directions (29 to 33 ):** Study the following information carefully and answer the questions given below: **United Bank of India PO 2009**

P, Q, R, S, T, V and W are seven students of a college. Each of them has a favourite subject from Physics, Chemistry, English, Biology, History,

Geography and Philosophy, not necessarily in the same order. Each of them also has a favourite sport from Football, Cricket, Hockey, Volleyball, Badminton, Table Tennis and Basketball, not necessarily in the same order.

R like Philosophy and favourite sport is Hockey. The one who likes Football likes English. T's favourite sport is not Badminton or Table Tennis. V does not like either History or Biology. The one whose favourite sport is Basketball does not like Physics. W likes Chemistry and his favourite sport is Volleyball. S likes Geography. Q's favourite sport is Badminton. V does not like English and his favourite sport is not Basketball. P's favourite sport is Cricket. The one whose favourite sport is Badminton does not like Biology.

29. Which subject does P like ?

- (a) History
- (b) Biology
- (c) Chemistry
- (d) Data inadequate
- (e) None of these.

30. Who Likes History?

- (a) P
- (b) R
- (c) Q
- (d) V
- (e) Data inadequate.

31. What is Q's favourite sport?

- (a) Cricket
- (b) Table Tennis
- (c) Football
- (d) Badminton
- (e) None of these.

32. Whose favourite sport is Basketball ?

- (a) S
- (b) W

- (c) Q                      (d) Data inadequate  
(e) None of these

33. Which subject does T like?

- (a) Biology                      (b) Physics      (c) Chemistry  
(d) Data inadequate (e) None of these

**Key 29 to 33.**

	<b><u>Subject</u></b>	<b><u>Sport</u></b>
P	Biology	Cricket
Q	History	Badminton
R	Philosophy	Hockey
S	Geography	Basketball
T	English	Football
V	Physics	Table Tennis
W	Chemistry	Volleyball

29. ( b ) P likes Biology  
30. ( c ) Q likes History  
31. ( d ) Q is favourite sport is Badminton  
32. ( a ) S's favourite sport is Basketball  
33. ( e ) T likes English

**Directions: ( 34 to 38):** Study the following information carefully and answer the questions given below: **(RBI Grade 'B' Officer Examination 2009)**

P, Q, R, S, T, V and W are seven students of a school. Each of them studies in different standard from Standard IV to Standard X not necessarily in the same order. Each of them has favourite subject from

English, Science, History, Geography, Mathematics, Hindi and Sanskrit not necessarily in the same order.

Q studies in VII Standard and does not like either Mathematics or Geography. R likes English and does not study either in V or in IX. T studies in VIII Standard and likes Hindi. The one who likes Science studies in X standard S studies in IV Standard. W likes Sanskrit. P does not study in X standard. The one who likes Geography studies in V standard.

34. In which standard does W study?  
(a) VII (b) IX  
(c) X (d) Data inadequate  
(e) None of these.
35. Which Subject does P like ?  
(a) Geography (b) Mathematics  
(c) English (d) History  
(e) None of these
36. Which subject does S Like ?  
(a) History (b) Geography  
(c) Mathematics (d) Data inadequate  
(e) None of these
37. In which standard does P study?  
(a) IV (b) VII  
(c) IX (d) X  
(e) None of these
38. Which of the following combinations of student-standard-subject is correct?  
(a) T-VIII-Mathematics (b) W-VII-Sanskrit  
(c) Q-VII- Geography (d) V-X-Science  
(e) None of these

**Key (34 to 38):**

<u>STUDENT</u>	<u>STANDARD</u>	<u>FAVOURITE SUBJECT</u>
P	V	Geography
Q	VII	History
R	VI	English
S	IV	Mathematics

T	VIII	Hindi
V	X	Science
W	IX	Sanskrit

34. (b) W studies in Standard IX.
35. (a) P likes Geography.
36. (c) S likes Mathematics
37. (e) P Studies in Standard V.
38. (d) The Combination V-X – Science is correct.

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