

Time – 2-3 min

(SET.1) : Six friends-Deepak, Varun, Anti, Nilesh, Rajesh and Siddhartha are studying six different specializations of engineering which are – metallurgy, telecommuting, software, mechanical, electrical and hardware not necessarily in the same order. Each one likes a different sport-hockey, cricket, swimming, football, badminton and tennis again not in the same order. Nilesh is not studying hardware. Rajesh is studying software and likes hockey. Anti likes swimming and is not studying hardware. The one who likes football is studying electrical. Siddharth is studying mechanical and does not like tennis. The one who likes bad-Minton is studying telecommunication. Deepak and Varun do not like badminton. Deepak does not like tennis.

1).Which specialization is Varun studying?

- a) Metallurgy b) Mechanical
- c) Hardware d) Electrical e) None of these

2).Which sport does Deepak like?

- a) Football b) Cricket
- c) Hockey d) Cannot be determined
- e) None of these

3).Which of the following person-specialization combination is correct according to the given information?

- a) Nilesh-Hardware b) Varun-Electrical
- c) Anti-Metallurgy d) Siddhartha-Software
- e) None is correct

Time – 2-3 min

Set02: Seven friends P, F, R, T, Q, N and D are studying different specialisations IT, Civil, HRM, Marketing, Finance, Journalism and Pharmacy, not necessarily in the same order. Each one of them has a liking for a different colour—red, blue, green, yellow, pink, orange and grey—not necessarily in the same order. Three of them are girls. P likes yellow colour but does not study IT or HR. The one who studies Civil likes grey colour and is a girl. Q, who is the sister of N, studies Marketing and likes pink colour. D's specialisation is in Pharmacy and likes red colour. N, the wife of R, studies HR and likes green. F likes grey and R likes orange. The one who likes blue studies Finance.

1. Who is studying Civil Engineering1) P 2) 3) F 4) Cannot be determined 5) None of these

2. Which of the following is the group of girls?

1) F, D, N 2) F, Q, N 3) Q, N, P 4) Cannot be determined
5) None of these

3. Which subject is studied by R? 1) Civil 2) Finance3)

Journalism 4) Cannot be determined

5) None of these

4. Who is studying Journalism? 1) P2) 3) R 4) Cannot be determined5) None of these

5. Which of the following combinations of person – colour — subject is correct?

1) Blue–T–Marketing2) Pink–N–HR3) Orange–R–Civil 4)
Blue–T–Finance5) None of these

SET 03 : Study the following information carefully and answer the questions given below: H.W

Seven people N, K, T, B, M, W and R have their weekly offs on different days of the week, ie Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday, not necessarily in that order. Each of them has a liking for different cuisine, ie Indian, Italian, Mexican, Chinese, Spanish, Continental and Thai, not necessarily in that order. K likes Thai food and gets his weekly off on Thursday. B likes Italian food and does not have off on Sunday. M has weekly off on Saturday and R has his weekly off on Tuesday. W likes continental food whereas the one who has weekly off on Monday likes Mexican cuisine. T does not like Spanish cuisine and has weekly off on Wednesday. The one who likes Indian food does not have a weekly off on Tuesday or Wednesday.

1) Who has a weekly off on Friday?

- a) T b) R c) W d) Data inadequate e) None of these

2) What cuisine does R like?

- a) Continental b) Indian c) Italian d) Spanish e) None of these

3) On which day does N have weekly off?

- a) Tuesday b) Friday c) Monday d) Sunday e) None of these

4) Who likes Chinese cuisine?

- a) T b) B c) R d) N e) None of these

5) On which day does W have weekly off?

- a) Monday b) Sunday c) Wednesday d) Data inadequate

Time – 2-3 min

Solutions : HW

1) Who has a weekly off on Friday?

- a) T b) R c) W d) Data inadequate e) None of these

2) What cuisine does R like?

- a) Continental b) Indian c) Italian d) Spanish e) None of these

3) On which day does N have weekly off?

- a) Tuesday b) Friday c) Monday d) Sunday e) None of these

4) Who likes Chinese cuisine?

- a) T b) B c) R d) N e) None of these

5) On which day does W have weekly off?

a) Monday

b) Sunday

c) Wednesday

d) Data inadequate

PART- 02

Time – 2-3 min

SET04: Study the following information to answer the given questions

There are seven teachers P, Q, R, S, T, U and V in DPS school. Each one of them teaches a different subject. There are three female and four male teachers, and out of these, there are two pairs of couples. R who teaches Computers is married to the teacher who teaches English. T and V are female teachers who teach History and Economics respectively. P teaches Reasoning and his wife does not teach Economics. Q does not teach English or Mathematics. U and S are male teachers. U is unmarried. One of them teaches Geography.

1. Which subject does 'Q' teach?

- (1) Economics (2) Mathematics (3) Computers (4) Geography
(5) None of these

2. Which group among the following represents the group of males?

- (1) PR (2) PT (3) PV (4) PQ (5) cannot be determined

3. Which of the following are two pairs of couples?

- (1) SR and PT (2) PR and ST (3) VP and RS (4) SR and UT
(5) None of these

4. Which subject does U teach?

- (1) Reasoning (2) English (3) Mathematics
(4) Computers (5) cannot be determined

5. Which subject does P's wife teach?

- (1) English (2) History (3) Computers (4) Geography
(5) cannot be determined

Time – 3 min

SET 05 A, B , C ,D, E ,F, G and H are eight employees of an organization working in three departments viz. Personnel, Administration and marketing with not more than three of them in any department. Each of them has a different choice of sports from football, cricket, volleyball, badminton, lawn tennis, basketball, hockey and table tennis not necessarily in the same order. D works in Administration and does not like either football or cricket. F works in Personnel with only A who likes table tennis. E and H do not work in the same department as D. C likes hockey and does not work in marketing. G does not work in administration and does not like either cricket or badminton. One of those who work in administration likes football. The one who likes volleyball works in personnel. None of those who work in administration likes either badminton or lawn tennis. H does not like cricket.

1. Which of the following groups of employees work in Administration department?

A) EGH B) AF C) BCD D) BGD E) Data inadequate

2. In which department does E work?

A) Personnel B) Marketing C) Administration D) Data inadequate E) None of these

3. Which of the following combinations of employee department favourite sport is correct?

A) E- administration-Cricket B) F- Personnel- Lawn Tennis C) H- Marketing- Lawn Tennis

D) B- Administration- Table Tennis E) None of these

4. What is E's favourite sport?

A) Cricket B) Badminton C) Basketball D) Lawn tennis E) None of these

5. What is G's favourite sport?

A) Cricket B) Badminton C) Basketball D) Lawn tennis E) None of these

PART03:

Time – (3-4) min

SET06: Six persons A, B, C, D, E and F are six representatives from different states viz Gujarat, Uttar Pradesh, Uttarakhand, Jammu, Bihar and Maharashtra, but not necessarily in the same order. All these wish to arrange the summit in six different months viz January, March, May, June, August and December, but not necessarily in the same order. They all have different coloured symbol. Two of them have red symbol and two have blue. Others have either green or yellow symbol.

- A) Neither F nor B is from Jammu or from Bihar.**
- B) A has red mark but not arranging summit in August, May and December.**
- C) The person, who is representative of Uttarakhand, arranging summit in December.**
- D) E is from Gujarat but neither has green nor red mark.**
- E) Representatives from Maharashtra and Jammu have red and yellow coloured symbol respectively.**
- F) C is the representative from Uttar Pradesh and arranging a summit in March and his symbol is green.**
- G) F does not arrange summit in December.**

1. Who among the following is the representative of Jammu ?
1) B 2) A 3) F 4) D 5) None of these

2. Uttarakhand is represented by –
1) A 2) F 3) B 4) D 5) Can't be determined

3. D's symbol is of which colour ?
1) Red 2) Blue 3) Yellow 4) Can't be determined 5)
None of these

4. If 'E' is arranging summit in 'June', 'A' must arrange a summit
in —
1) January 2) December 3) August 4) Can't be
determined 5) None of these

5. 'A' is representing which of the following state ?
1) Uttar Pradesh 2) Bihar 3) Maharashtra 4) Gujarat 5)
Can't be determined

Time – (3-4) min

SET07: Read the following information and answer the questions given below:

A home tutor X has a busy daily routine. He provides his services to six students A, B, C, D, E and F on all seven days of a week. He does not provide his service simultaneously to any two students. He follows a fixed schedule every day. One of the significant features of his schedule is that he starts teaching his first student at 10 AM and teaches him for 30 minutes. He takes as many minutes in reaching the next student. Again he teaches this student for 40 minutes and takes as much time in reaching the third student. In this way both his teaching time and reaching time go on increasing by 10 minutes for every successive student. After teaching the last student he leaves for home. The time taken for the homeward journey is as much as in teaching the last student. Study the following clues and answer the questions following it.

- (i) Mr X has to teach A immediately before C and immediately after D.
- (ii) (ii) At least two students are taught immediately before and after A.
- (iii) (iii) Mr X does not provide his services first either to B or to E.
- (iv) (iv) B is taught before at least three persons.

1. At what time does Mr X reach home?

1) 9 AM 2) 9 PM 3) 6.20 PM 4) 10.30 PM 5) None of these

2. At what time does Mr X usually meet B for teaching?

1) Data inadequate 2) 11.00AM 3) 11.40AM 4) 12.20 AM 5) None of these

3. Who among the following is the last student of the day whom X provides his service?

1) Data inadequate 2) E 3) C 4) F 5) None of these

4. If Mr X wants to fulfil the request of D and decides to visit D's home after teaching the last student, then on that day at what time will Mr X reach his home?

1) Data inadequate 2) 10.30 PM 3) Midnight 4) 11 PM 5) None of these