Lesson
16

K.L.E TECHNOLOGICAL UNIVERSITY
DEPARTMENT OF HUMANITIES

PROFESSIONAL APTITUDE AND LOGICAL REASONING

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Verbal Reasoning

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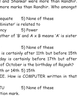
Directions (Qs. 1 - 5) : Study the following letter number sequence and answer the questions given below.

Q T B G R D A N K E J A Z
C D S X P F L I U Q G M

1. If every alphanumeric letter/number is dropped starting from Q onwards, which letter/number will be the 8th from the left end of the sequence thus obtained?
(1) Z (2) B (3) K (4) Q (5) None of these
2. If it is possible to make a meaningful word with the first, the twelfth, the fifteenth and the twenty-first letter, which of the following letters will be the first letter of that word?
If no such word can be made, give X as the answer and if more than one such word can be made, give Y as the answer.
(1) A (2) F (3) E (4) X (5) B
3. If the letters/numbers in each place of question mark (?) in the following sequence?
DGB DBF GBD ?
(1) RKQ (2) BNQ (3) RKO (4) RKQ (5) None of these
4. Of the letters/numbers in the sequence, the 16 th L are written in the reverse order and other letters/numbers are kept unaltered, which letter/number will be third to the right of 17th letter/number from the left end?
(1) C (2) A (3) K (4) Z (5) None of these
5. 1st every third letter/number starting from your right replaces successive days of the week starting from Monday which letter/number will replace Thursday?
(1) A (2) S (3) Z (4) F (5) None of these
Directions (Questions 6 - 10) Study the following information carefully and answer the questions given below.
Seven friends namely Dhanu, Kishor, Tushar, Vishal, Sachin, Dhanraj and Shankar were born Bandhan Sonal dishand marries man Shankar. Vishu dishand marry marries man Bandhan. Who amongst them obtained highest marks?
(1) Bandhan (2) Vishu (3) Sonal (4) Data inadequate (5) None of these
7. Dhanraj is related to Orchestra in the same way as Bionic is related to
(1) Kidney (2) Wire (3) Electricity (4) Consultancy (5) Power
8. If A + B means A is brother of B, A - B means A is father of B and A × B means X is sister of B which of the following means X is uncle of Y?
(1) A+B×P (2) P×B-A (3) A-B×P (4) A×A-T×P (5) None of these
9. Sushant remembers that his brother Rajesh's birthday is certainly after 12th but before 19th October, while his uncle remembers that Rajesh's birthday is certainly before 17th but after 10th October. Which of the following statements is/are true about Rajesh's birthday?
(1) 11th (2) 14th (3) 17th (4) Either 12th or 14th (5) 15th
10. In a certain code, INACTIVE is written as VETCANI. How is COMPUTER written in that code?
(1) UTPBCOR (2) BOOKTER (3) UTURBOK (4) PBOOCTU (5) None of these
Choose the most appropriate option to replace the question mark.

(1) L_4 (2) L_5 (3) L_6 (4) L_7
12. Choose the most appropriate option to replace the question mark.



(1) L_4 (2) L_5 (3) L_6 (4) L_7
13. Choose the most appropriate option to replace the question mark.

(1) 8 (2) 10 (3) 12 (4) 14
14. Choose the most appropriate option to replace the question mark.

(1) 25 (2) 37 (3) 41 (4) 47
15. Choose the most appropriate option to replace the question mark.

(1) –15 (2) –27 (3) 9
(4) –27 (5) 56 (6) 81
(1) 45 (2) 48 (3) 52 (4) 40

Directions (Qs. 16 to 20): Read the following information carefully and answer the questions given below. Following are the conditions for drawing of lot of suitable candidates to be called for interview after a written test for recruitment a conducted for appropriately level persons for reputed company providing software and services.
The candidate must

(a) be holding a degree in basic science with 60% or above or engineering degree with 45% and above marks.
(b) have passed the written examination with 65% or above marks.
(c) be in the age group of 20 years to 30 years as on 1.4.2007.
(d) have experience in a computer company for a minimum period of 3 years after having obtained diploma in computer with 50% or above marks.
(e) be presently drawing a monthly salary of Rs. 8,000.
(f) be a male.
In case of the applicant who satisfies all other criteria except
(i) an (d) above, be referred to the manager (Recruitment).
(ii) an (b) above but has obtained more than 75% marks in Bi.Sc. or Engineering degree, be referred to the Assistant General Manager (A.G.M.).
(iii) an (c) above but is a male, be referred to the Assistant General (A.G.M.).
Based on these criteria and the information provided below, decide the course of action in each case. You are not to assume anything. If the data provided is not adequate to decide the given course of action, you must select the "data inadequate". The cases are given to you as on 1.4.2007.
16. Niranjan Singh did his diploma in computers at the age of 22 years after completing his B.Sc. Immediately after completing the diploma he got job in a computer company and is employed for the last four years with a salary of Rs. 10,500. He has got more than 65% marks in all the examinations he has taken so far. Presently he is
(1) Data inadequate (2) Refer to Manager (Recruitment)
(3) Do not call for interview 4) Refer to Assistant General Manager (5) Call for interview
17. Kamalnath has been working in a computer company for the last 6 years after completing his diploma in computers with 62% marks. He has passed his Engineering degree and written examinations with 55% and 48% marks respectively. He has completed 26 years of age in September 2006.
(1) Data inadequate (2) Do not call for interview
(3) Call for interview (4) Refer to A.G.M. (5) Refer to A.G.M.
18. Dipti Sahi is working in supervisory capacity for the last 4 years in a computer company after completing her diploma in computer with 55% marks and degree in computers with 70% marks. She has secured 72% marks in the written examination. Her date of birth is 20 January, 1967 and her present salary is Rs. 10,000.
(1) Data inadequate (2) Call for interview
(3) Do not call for interview 4) Refer to Manager (Recruitment) (5) Refer to General Manager
19. Jamini Khan completed her B.Sc. at the age of 21 years, completed her one year's diploma in computers immediately and got a job from June 2004. She drawn a monthly salary of Rs. 12,000. She has got more than 65% marks in all the examinations with a minimum of 68% marks.
(1) Refer to G.M. (2) Refer to A.G.M.
(3) Refer to Manager (Recruitment) 4) Do not call for interview (5) Data Inadequate
20. Ahead Gupta has done his Master's degree in Science and then completed his diploma in computers with 64% marks from a reputed institute. For the last 6 years, he has been working in a computer company. He is 27 years and his present salary is Rs. 8,500. He obtained 68% marks in the written examination.
(1) Refer to Manager (2) Data inadequate (3) Call for interview
4) Do not call for interview (5) Refer to Assistant General Manager.

21. Zero Q Souza born on 12.2.1968, is employed in a computer company for the last five years and is presently drawing a monthly salary of Rs. 9,500. He has successfully completed his degree in Engineering with 64% marks, diploma in computers and written examination with 65% and 60% marks respectively.
(1) Do not call for interview (2) Call for interview
(3) Data inadequate 4) Refer to G.M. (5) Refer to Manager (Recruitment)
22. Ambedkar, aged 27 years, is a graduate in Science with diploma in computers and has been working for the last three and half years in a computer company. Her present monthly salary is Rs. 8,000. She has obtained 70% marks in her examinations and 68% marks in the written test.
(1) Data inadequate (2) Refer to A.G.M.
(3) Refer to Manager (Recruitment) 4) Do not call for interview (5) Data Inadequate
23. Ahead Gupta has done his Master's degree in Science and then completed his diploma in computers with 64% marks from a reputed institute. For the last 6 years, he has been working in a computer company. He is 27 years and his present salary is Rs. 8,500. He obtained 68% marks in the written examination.
(1) Refer to Manager (2) Data inadequate (3) Call for interview
4) Do not call for interview (5) Refer to Assistant General Manager.

(1) Data inadequate (2) Refer to Manager (Recruitment) (3) Refer to General Manager
(4) Do not call for interview (5) Call for interview
24. Tamina Khan completed her B.Sc. at the age of 21 years, completed her one year's diploma in computers immediately and got a job from June 2004. She drawn a monthly salary of Rs. 12,000. She has got more than 65% marks in all the examinations with a minimum of 68% marks.
(1) Refer to G.M. (2) Refer to A.G.M.
(3) Refer to Manager (Recruitment) 4) Do not call for interview (5) Data Inadequate
25. Ahead Gupta has done his Master's degree in Science and then completed his diploma in computers with 64% marks from a reputed institute. For the last 6 years, he has been working in a computer company. He is 27 years and his present salary is Rs. 8,500. He obtained 68% marks in the written examination.
(1) Refer to Manager (2) Data inadequate (3) Call for interview
4) Do not call for interview (5) Refer to Assistant General Manager.

(5) When the seriously injured person is helpless to tell his blood group, this information would be sufficient to indicate the required blood group.
(6) The government has decided that the proposed a bill which would permit the establishment of private universities under very strict directions.
(7) The demand for more universities is being engaged up.
(8) The government gives directions to establish anything in private sector.
(9) Unless and until the directions are given, the private universities can charge exorbitant fees
(10) Such directions can also be issued without informing the parliament
(11) We have some private universities in our country even now.
(12) The Indian Bar Council has decided to lift the ban on the discriminatory decision of the government relating to quota allotment of petrol pumps and L.P.G. agencies. They also pointed out the irregularities in this case and completely quashed the petition State Advocator to issue a complete list of allotments.
(1) The opposition intends raising this issue in the Lok Sabha also.
(2) Petrol pumps and gas agencies are allotted to the needy. The L.P.G. agencies and petrol pumps have been allotted on the basis of day-to-day requirements.
(3) Such irregularities were never committed in the past.
(4) It may be a serious matter.
(5) Whenever such an allotment takes place, these types of irregularities are often committed.
Directions (Qs. 26 to 28): Read the following information carefully and answer the questions given below. Society is a total class. The Chief type is known as class A, while the other is known as class B. In that village, there is no other type of persons except these two. The activities of both types of people are classified into two mutually permanent exclusive of social behaviour. Each person of the tribe has to obey the norms. They are rigid about this.
As far as marriage is concerned, the following norms are to be followed:
(4) The people of class A cannot marry any other member of their own class, though they can marry members of class B.
(5) After being married, each male member ceases to be a member of that class in which he was born but, automatically, he becomes the member of other class to which his wife belongs.
(6) As far as females are concerned, they remain the members of their own class after being married.
(7) Unless birth, the child automatically becomes the member of his mother's class.
(8) When any male member becomes widower or divorcee then he again belongs to the group in which he was born.
(9) Nobody can marry more than one person according to social laws.
(10) Which of the following marriage is not permissible according to the social laws?
(1) Any boy of class A marries a girl of sister
(2) Any girl of class A marries her mother's brother
(3) Any widower of class A marries his brother's wife
(4) Any widower marries his wife's sister
(5) Any widow marries her Former divorced husband of her daughter
(6) Any class B Female can have
(7) Grandfather born in class A
(8) Grandmother born in class A
(9) Only A can be free

(2) Only B can be free
(3) Either A or B can be free
(4) Neither A nor B can be free
(5) None of these
(6) One boy who was born in class B (boy and his wife both can have married & unmarried brothers)
(7) can have his uncle from any class
(8) can have his grandfather born in class B
(9) can have a son-in-law born in class A
(10) can have a grandmother born in class A once?
(1) If in a code language A is written as B, B is written as C, C is written as D and so on then how will SMART be written in that code language?
(1) SJBTU (2) SNBCU (3) TNBDV (4) SNABU (5) None of these
(2) From the word INACTIVE how many independent words can be made without changing the position of the letters and using each letter?
(1) One (2) Two (3) Three (4) More than three (5) None of these
(3) "Yash" is related to "Pal" in the same way as "Throw" is related to
(1) Pick (2) Away (3) Lamp (4) Clothes (5) Game
(4) In a certain code COMPUTER is written as EFVUQNC How is BESECINE written in the same code?
(1) BEFSUTOE (2) EUSCEJNE (3) BEFSUTOE (4) EUSUJTNE (5) None of these
(5) Which of the following should come in place of the question mark (?) in the following letter series?
LKS ATU MPN OLB ?
(1) Hwb (2) Hfb (3) Ylu (4) Kzw (5) None of these
(6) "Tourist" is related to "Sanctuary" in the same way as "Patient" is related to
(1) Hospital (2) Doctor (3) Medicine (4) Nurse (5) Physiotherapist
(8) "Freshman" is related to "Doctor" in the same way as "Student" is related to
(1) Coach (2) Game (3) Playground 4) Player (5) Spectators
(9) Four of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) Ear (2) Eye (3) Nose (4) Lion (5) Lock
(10) Pointing to a photograph Mr. Kapoor said, "She has no sisters or daughters but her mother is the only daughter of my mother". How is the girl in the photograph related with Rajesh Kapoor?

1) Sister-in-law 2) Granddaughter 3) Daughter-in-law
4) Cannot be determined 5) None of these
41. Which letter will be sixth to the left of the nineteenth letter from the right end of the following alphabet?
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
1) N 2) M 3) Y 4) X 5) None of these
42. Bablu ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in the examination. How many boys were there in that class?

1) 44 2) 50 3) 55 4) 40 5) None of these
43. Nageena is taller than Pushpa but not as tall as Manish. Rama is taller than Namita but not as tall as Pushpa. Who among them is the tallest?
1) Manish 2) Pushpa 3) Namita 4) Nageena 5) Rama
44. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) Sun 2) Moon 3) Star 4) Mars 5) Universe
45. Starting from a point 'S' Mahesh walked 25 metres towards south. He turned to his left and walked 50 metres. He then again turned to his left and walked 25 metres. He again turned to his left and walked 60 metres and reached a point 'T'. How far is Mahesh from point 'S' and in which direction?
1) 10 metres west 2) 25 metres north 3) 10 metres east
4) 25 metres west 5) None of these
46. If S × T means 'S' is brother of 'T' and S + T means 'S' is the father of 'T', which of the following shows 'O' is the cousin of R?
1) R×T+O 2) R+T×O 3) R×O×T 4) T×O+R 5) None of these
47. How many 5's are there in the following number sequence which are immediately followed by 3 but not immediately preceded by 7?
8 9 5 3 2 5 3 8 5 5 6 8 7 3 3 5 7 7 5 3 6 5 3 3 5 7 3 8
1) One 2) Two 3) Three 4) Four 5) More than four
48. Sudin remembers that his mother's birthday is after 15th but before 20th of April, while his sister Kalpana remembers that her mother's birthday is before 22nd but after 18th of April. If both of them are correct on which date is the birthday of their mother?
1) 18th 2) 19th 3) 20th 4) 16th 5) 17th
49. If rain is called water, water is called air, air is called cloud, cloud is called sky, sky is called sea, sea is called road, where do the airplanes fly?
1) Water 2) Road 3) Sea 4) Cloud 5) None of these
50. "Kilogram" is related to "Quintal" in the same way as "Paisa" is related to....
1) Coin 2) Money 3) Wealth 4) Cheque 5) Rupee
Directions (Qs. 51 to 55): In i question below is given a statement followed by three courses of action numbered, I, II & III. A course of action is a step for administrative decision to be taken for improvement, follow-up, further action in regard to the problem, policy, etc. on the basis of the information given in the statement. You have to assume everything in the statement to be true, and then decide which of the three given suggested courses of action logically follows for pursuing.
51. Statement: According to the officials, paucity of funds with the organisation has led to the pathetic condition of this brilliant architectural structure.
Courses of Action:
I. A new architectural structure for the building should be designed.
II. The reasons for the poor condition of the structure should be found out.
III. Grant should be given to improve the condition of the structure.
1) Only I follows 2) Only II follows 3) Only III follows
4) Only II and III follow 5) Only I and III follow
52. Statement: In the Teachers' Day function, Shri Sharma, a State awardee and a retired principal, had questioned the celebration of Teachers' day in "today's materialistic world."

Courses of Actions:
I. The expenditure on Teachers' Day celebration should be reduced.
II. More funds should be allocated for the celebration of Teachers' Day.
III. The role and responsibilities of teachers should be seen in today's perspective.
1) All follow 2) None follow 3) Either I or II follows
4) Only III follows 5) Only II and III follow
53. Statement: In the city, over 75 per cent of the people are living in slums and sub-standard houses which is a reflection on the housing and urban development policies of the Government.
Courses of Action:
I. There should be a separate department looking after housing and urban development.
II. The policies in regard to urban should be revised.
III. The policies regarding rural housing should also be reviewed so that such problems could be avoided in rural areas.
1) Only I follows 2) Only II follows 3) Only II and III follow
4) Either II or III follows 5) Only I and II follow
54. Statement: Lack of coordination between the University, its colleges and various authorities has resulted in students ousted from one college seeking migration to another.
Courses of Action:
I. If a student is ousted from a college, the information should be sent to all the other colleges of the University.
II. The admissions to all the colleges of the University should he handled by the University directly.
III. A separate section should be made for taking strict action against students indulging in anti-social activities.
1) Only I follows 2) Only II follows 3) Only III follows
4) Only I and III follow 5) Only II and III follow
55. Statement: The Institute has fixed for the investors a validity period of one year for transfer forms for some of its listed schemes.
Courses of Action:
I. The institute should consult investors before fixing the duration of validity period.
II. The investors should be only informed about the validity period
III. List of schemes covered under this validity period should be communicated.
1) All follow 2) Only I and II follow 3) Only I and III follow
4) Only III follows 5) Only II and III follow
Directions (Qs 56 - 60): In each of the questions below is given a statement followed by three assumptions I, II and III. An assumption is something supposed or taken for granted. You have to consider the statement and the assumptions and decide which of the assumptions is implicit in the statement.
56. Statement: "Buy 'Y' T.V. for better sound quality" - an advertisement.
Assumptions:
I. 'Y' T.V. is the only T.V. in the market.
II. 'Y' T.V. is the costliest.
III. People generally ignore such advertisements.
1) Only I is implicit 2) Only II is implicit 3) Only III is implicit
4) All are implicit 5) None is implicit

57. Statement: "Look at her audacity. Madhu has not replied to my letter"— A tells B.
Assumptions:
I. Madhu received his letter.
II. Madhu did not receive his let-
III. The letter was sent by post.
1) Only I is implicit 2) Only II is implicit 3) Only III is implicit
4) All are implicit 5) None is implicit
58. Statement: "Put a notice on the Board that all the employees should come on time to office"— an officer tells his assistant.
Assumptions:
I. All the employees come late.
II. Employees read such notice on the Board.
III. Employees will follow the instructions.
1) Only I and II are implicit 2) Only III is implicit 3) Only I and III are implicit
4) Only II and III are implicit 5) All are implicit
59. Statement: "If you want best training in computers, join our classes"— an advertisement.
Assumptions:
I. People want training related with computers.
II. People read advertisements.
III. People want quality training.
1) Only I and II are implicit 2) Only III is implicit 3) Only I and III are implicit
4) Only II and III are implicit 5) All are implicit
60. Statement: "As our business is expanding, we meet to appoint more staff—Owner of a company informs his staff.
Assumptions:
I. The present staff is not competent.
II. More staff will further expand the business
III. Suitable persons to be taken as staff will be available.
1) Only I is implicit 2) Only II is implicit 3) Only III is implicit
4) All are implicit 5) None is implicit

Verbal Reasoning Answers

PALR Lesson Ans Key	
Verbal Reasoning	
1	1
2	5
3	2
4	4
5	2
6	4
7	3
8	4
9	4
10	3
11	4
12	4
13	3
14	1
15	4
16	5
17	1
18	5
19	4
20	2
21	2
22	5
23	4
24	2
25	5
26	4
27	3
28	4
29	2
30	2
31	1
32	3
33	4
34	1
35	5
36	1
37	2
38	4
39	5
40	5
41	5
42	3
43	1
44	5
45	1
46	5
47	3
48	2
49	3
50	5
51	3
52	4
53	1
54	2
55	3
56	5
57	1
58	2
59	3
60	5