



**CBRT - 2020  
Question Paper Grid**

Government of Goa

13 December 2020

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**Set Name** 13122020\_SLOT2   
**Subjects** Junior Scale Officer   
**Display** With Answer Key

**Junior Scale Officer**

Itemcode : **JS1178**

**Q1** : Which state has been awarded as the Best State SOTTO in India?

- (a) Kerala  
 (b) Assam  
 (c) Tamil Nadu  
 (d) Uttar Pradesh

Key: **C**

Itemcode : **JS1179**

**Q2** : Who has launched SMARTs program to strengthen investor education as a part of World Investor week 2020?

- (a) Mishra  
 (b) Ajay Tyagi  
 (c) Vinod Kumar  
 (d) Rajiv Gauba

Key: **B**

Itemcode : **JS1180**

**Q3** : The Day of Remembrance for all Victims of Chemical Warfare is observed on which date?

- (a) November 21  
 (b) November 25  
 (c) November 30  
 (d) November 27

Key: **C**

Itemcode : **JS1181**

**Q4** : Which city recently emerged as the most connected city in the world?

- (a) Hong Kong  
 (b) Tokyo  
 (c) Shanghai  
 (d) Dubai

Key: **C**

Itemcode : **JS1182**

**Q5** : International Translation day was observed on which date?

- (a) 27 September  
 (b) 28 September  
 (c) 29 September  
 (d) 30 September

Key: **D**

Itemcode : **JS1183**

**Q6** : Which state CM launched stage II of Jaga mission for urban slum dwellers?

- (a) Assam  
 (b) Odisha  
 (c) Sikkim  
 (d) Goa

Key: **B**

Itemcode : **JS1184**

**Q7** : After the launch of AMRUT scheme, which is the first Indian city to issue Municipal Bonds on BSE?

- (a) Delhi  
 (b) Chandigarh  
 (c) Hyderabad  
 (d) Lucknow

Key: **D**

Itemcode : **JS1185**

**Q8** : Who has been appointed as the ambassador of Fit India Movement?

- (a) Shilpa Agrawal  
 (b) Shilpa Shetty  
 (c) Virat Kohli  
 (d) Kuldeep Handoo  
 Key: **D**

Itemcode : **JS1186**

**Q9** : National Legal Services Day is observed annually observed on which date?

- (a) 7 November  
 (b) 8 November  
 (c) 9 November  
 (d) 10 November  
 Key: **C**

Itemcode : **JS1187**

**Q10** Where has the first of its kind "Organ Donor Memorial " been inaugurated virtually in the country on the occasion of :  
 11th National Organ Donation Day celebration?

- (a) Gujarat  
 (b) Maharashtra  
 (c) Rajasthan  
 (d) Punjab  
 Key: **C**

Itemcode : **JS1188**

**Q11** Indian Prime Minister, as a part of a stronger climate action plan for India by 2030, committed to increasing India's :  
 renewable energy target to:

- (a) 450 GW  
 (b) 175 GW  
 (c) 250 GW  
 (d) 650 GW  
 Key: **A**

Itemcode : **JS1189**

**Q12** What is the new international threshold for poverty :  
 :

- (a) \$1.9/day  
 (b) \$1.25/day  
 (c) \$1/day  
 (d) \$2/day  
 Key: **A**

Itemcode : **JS1190**

**Q13** Pradhan Mantri Urja Ganga Pipeline does not connect the following Indian State :  
 :

- (a) Uttar Pradesh  
 (b) Orissa  
 (c) Assam  
 (d) Madhya Pradesh  
 Key: **D**

Itemcode : **JS1191**

**Q14** A proposed geologic epoch marking significant human impact on Earth's geology and ecosystems is termed as :  
 :

- (a) Anthropocene  
 (b) Holocene  
 (c) Pleistocene  
 (d) Pliocene  
 Key: **A**

Itemcode : **JS1192**

**Q15** Modern Chipko movement took place in the decade of :  
 :

- (a) 1950s  
 (b) 1980s  
 (c) 1960s  
 (d) none of these  
 Key: **D**

Itemcode : **JS1193**

**Q16** The Chief Qazi when moved with the imperial camp was designated as :  
 :

- (a) Qazi-ul-Quzzat  
 (b) Qazi Askar  
 (c) Sadr-us- Sudar  
 (d) Wakil-i-Sharai  
 Key: **B**

Itemcode : **JS1194**

**Q17** Who were the Mirasdars?

:

- (a) Those with hereditary rights in land
- (b) Army Commanders
- (c) Jagirdars
- (d) Those who got free services from the Royal Court

Key: **A**

Itemcode : **JS1195**

**Q18** Which one of the following pairs is correctly matched?

:

- (a) Dadabhai Naoroji - Home Rule League
- (b) N. M. Joshi - AITUC
- (c) Gokhale - British Indian Association
- (d) Annie Besant - Servants of India Society

Key: **B**

Itemcode : **JS1196**

**Q19** S.S. Bhakna founded

:

- (a) Home Rule League
- (b) Ghadar Movement
- (c) Nirankari Movement
- (d) Hindustan Republican Association

Key: **B**

Itemcode : **JS1197**

**Q20** The most important among the early revolutionary secret societies was the

:

- (a) Brati Samiti
- (b) Swadesh Bhandava Samiti
- (c) Suhrid Samiti
- (d) Anushilan Samiti

Key: **D**

Itemcode : **JS1198**

**Q21** Who can remove the Vice-President from his office?

:

- (a) President
- (b) Prime minister
- (c) Parliament
- (d) Legislative assemblies of the state

Key: **C**

Itemcode : **JS1199**

**Q22** When was the first Parliamentary Forum on Water Conservation and Management constituted?

:

- (a) 1950
- (b) 2005
- (c) 1970
- (d) 1985

Key: **B**

Itemcode : **JS1200**

**Q23** At present, how many high courts are there in India?

:

- (a) 25
- (b) 21
- (c) 28
- (d) 29

Key: **B**

Itemcode : **JS1201**

**Q24** Which of the following committee suggested incorporating fundamental duties in the constitution?

:

- (a) Malhotra committee
- (b) Raghavan committee
- (c) Swaransingh committee
- (d) Narasimhan committee

Key: **C**

Itemcode : **JS1202**

**Q25** Which of the following legislations does not deal with the protection of environment?

:

- (a) The Water (Cess) Act 1977  
(b) The Forest (Conservation) Act 1980  
(c) The public liability insurance act 1991  
(d) The Port laws Amendment Act 1997  
Key: **A**

Itemcode : **JS1203**

**Q26** Which of the following statements is not correct?

:

- (a) Panchayati Raj was established in India by JawaharLal Nehru  
(b) Madhya Pradesh was the first state which implemented the The Panchayati Raj system in India  
(c) 73rd Constitutional amendment was implemented in 1992  
(d) Tamil Nadu has adopted bicameral method

Key: **B**

Itemcode : **JS1204**

**Q27** Sindhi Language was included in the list of official languages in the 8th Schedule of our constitution in which year ?

:

- (a) 1957  
(b) 1967  
(c) 1969  
(d) 1970

Key: **B**

Itemcode : **JS1205**

**Q28** Who of the following is not included in the Committee constituted for the appointment of the Chairman of the National Human Rights Commission?

:

- (a) President  
(b) Prime Minister  
(c) Lok Sabha Speaker  
(d) Leader of the main opposition party

Key: **A**

Itemcode : **JS1206**

**Q29** Which was the first Indian state to establish the institution of Lokayukta?

:

- (a) Bihar  
(b) Uttar Pradesh  
(c) Andhra Pradesh  
(d) Maharashtra

Key: **D**

Itemcode : **JS1207**

**Q30** Identify the Startup in which Ratan Tata has not invested

:

- (a) Blue Stone  
(b) Paytm  
(c) Ola  
(d) Oyo

Key: **D**

Itemcode : **JS1208**

**Q31** Who amongst the following is one of the founders of Indian Angel Network

:

- (a) Shanti Mohan  
(b) Padmaja Ruparel  
(c) Shradha Sharma  
(d) Kiran Majumdar Shaw

Key: **B**

Itemcode : **JS1209**

**Q32** "Highway to a hundred unicorns" is an initiative in India by

:

- (a) SAP  
(b) Google  
(c) Microsoft  
(d) Amazon

Key: **C**

Itemcode : **JS1210**

**Q33** The operating agency of the Fund of Funds for startups initiated by the Government of India

:

- (a) Reserve Bank of India  
(b) Small Industries Bank of India  
(c) State Bank of India

(d) Exim Bank  
Key: **B**

Itemcode : **JS1211**

**Q34** What is tenure of the chairman of the National Human Rights Commission?

:

- (a) 5 years or upto 62 years of age
- (b) 5 years or upto 65 years of age
- (c) 6 years or upto 65 years of age
- (d) 5 years or upto 70 years of age

Key: **D**

Itemcode : **JS1212**

**Q35** Who is the mission director of " Atal Innovation Mission"?

:

- (a) Amitabh Kant
- (b) Krishnamurthy Subramanian
- (c) Ramanan Ramanathan
- (d) Dr. Neeraj Sharma

Key: **C**

Itemcode : **JS1213**

**Q36** What is India's rank in terms of global green house gas emissions among G-20 members:

:

- (a) Third
- (b) Fourth
- (c) Fifth
- (d) Seventh

Key: **B**

Itemcode : **JS1214**

**Q37** Global temperatures in the 21st century are related to cumulative historical global CO2 emissions, in one of the following ways:

:

- (a) Linearly
- (b) Exponentially
- (c) Logistically
- (d) None of these

Key: **A**

Itemcode : **JS1215**

**Q38** Which of the following is the most health-harmful air pollutant?

:

- (a) PM2.5
- (b) PM10
- (c) NOx
- (d) none of these

Key: **A**

Itemcode : **JS1216**

**Q39** In computing Air Quality Index which of the following gases are considered

:

1. Ground-level ozone
2. Particle pollution/particulate matter (PM2.5/pm 10)
3. Carbon Monoxide
4. Sulfur dioxide
5. Nitrogen dioxide
6. Carbon dioxide

Choose the correct answer from the following options:

- (a) 1,2,3,4, and 5
- (b) 2,3,4,5 and 6
- (c) All of these
- (d) none of these

Key: **A**

Itemcode : **JS1217**

**Q40** Which of the following state has got largest forest in the country areawise?

:

- (a) Madhya Pradesh
- (b) Arunachal Pradesh
- (c) Chhattisgarh
- (d) Maharashtra

Key: **A**

Itemcode : **JS1218**

**Q41** Instructions: Read the following, answer the question

:

In a game played by two people there were initially N matchsticks kept on the table. A move in the game consists of a player removing either one or two matchsticks from the table. The one who takes the last matchstick loses. Players

make moves alternately. The player who will make the first move is A. The other player is B.

The smallest value of N (greater than 5) that ensures a win for B is

- (a) 7
- (b) 6
- (c) 10
- (d) 8

Key: **A**

Itemcode : **JS1219**

**Q42** Saira, Mumtaz and Zeenat have a ball, a pen and a pencil, and each girl has just one object in hand. Among the following statements, only one is true and the other two are false.

- I. Saira has a ball.
- II. Mumtaz does not have the ball.
- III. Zeenat does not have the pen.

Who has the ball?

- (a) Saira
- (b) Mumtaz
- (c) Zeenat
- (d) Cannot be determined

Key: **B**

Itemcode : **JS1222**

**Q43** Mr. Raju took the members of his family for a picnic. His father's mother and mother's father including each of their child were in one car. His father's son and sister's husband, brother's wife were in second car. He along with his wife, wife's sister, wife's brother and son's wife with a kid was in the third car. How many members of Mr. Raju's family were there in the picnic and how many were left behind (assuming all members of the third generation are married and Raju had 2 grandparents in the family)?

- (a) 13 and 4
- (b) 14 and 5
- (c) 12 and 5
- (d) 13 and 6

Key: **A**

Itemcode : **JS1223**

**Q44** Ganesh Cultural Centre for promoting arts has appointed 3 instructors for music, dance, and painting. Music instructor takes session from 12 noon to 4:00 pm on Monday, Thursday and Sunday. The sessions of dance instructor are scheduled on Tuesday, Thursday, Wednesday and Sunday between 10:00 am to 2:00 pm. The 9:00 am to 12:00 noon slot on Tuesday, Friday and Thursday and also 2:00 pm to 4:00 pm slot on Wednesday, Saturday and Sunday is filled up by Painting Instructor. On which day(s) of a week the dance and painting sessions are simultaneously held?

- (a) Sunday and Wednesday
- (b) Tuesday and Friday
- (c) Tuesday and Thursday
- (d) Only on Tuesday

Key: **C**

Itemcode : **JS1224**

**Q45** Read the following and answer question :

:

A Prime Minister is contemplating the expansion of his cabinet. There are four ministerial berths and there are eight probable candidates (C1-C8) to choose from. The selection should be in a manner that each selected person shares a liking with at least one of the other three selected members. Also, the selected must also hate at least one of the likings of any of the other three persons selected.

- I. C1 likes travelling and sightseeing, but hates river rafting.
- II. C2 likes sightseeing and squash, but hates travelling.
- III. C3 likes river rafting, but hates sightseeing.
- IV. C4 likes trekking, but hates squash.
- V. C5 likes squash, but hates sightseeing and trekking.
- VI. C6 likes travelling, but hates sightseeing and trekking.
- VII. C7 likes river rafting and trekking, but hates travelling.
- VIII. C8 likes sightseeing and river rafting, but hates trekking.

Who are the four people selected by the Prime Minister?

- (a) C1, C2, C5, C6
- (b) C3, C4, C5, C6
- (c) C1, C2, C4, C7
- (d) None of the above

Key: **C**

Itemcode : **JS1225**

**Q46** Read the following passage and answer the question :

:

A Retail chain has seven branches in a city namely R1, R2, R3, R4, R5, R6, R7 and a central distribution center (DC). The nearest branch to the DC is R6 which is in the south of DC and is 9 Km away from DC. R2 is 17 Km away from DC in the west. The branch R1 is 11 Km away R2 further in the west. The branch R3 is 11 Km in the north east of R1. R4 is 13 Km from R3 in the east. R5 is 11 Km in the north east of the distribution center. In the north east of R6 is R7 and distance between them is 15 Km. The distance between R1 and R6, R2 and R6, R6 and R5 is 23 Km, 19 Km, 13 Km respectively. R3 is 14 Km away from the DC in the North West direction, while R2 is also 14 Km away from R4 in the North East direction of R2. A truck carrying some goods starts from the distribution centre and has to cover at least four stores in a single trip. There is an essential good that has to be delivered in the store R7, but the delivery at R7

has to be done in the end

What is the shortest distance the truck would travel?

- (a) 55
- (b) 56
- (c) 63
- (d) 66

Key: **C**

Itemcode : **JS1226**

**Q47** Read the following passage and answer the question.

:

Mr. and Mrs. Gupta have three children - Pratik, Wriddik and Kajol, all of whom were born in different cities. Pratik is 2 years elder to Wriddik. Mr. Gupta was 30 years of age when Kajol was born in Hyderabad, while Mrs. Gupta was 28 years of age when Wriddik was born in Bangalore.

If Kajol was 5 years of age when Pratik was born in Mumbai, then what were the ages of Mr. and Mrs. Gupta respectively at the time of Pratik's birth?

- (a) 35 years, 26 years
- (b) 30 years, 21 years
- (c) 37 years, 28 years
- (d) None of the above

Key: **A**

Itemcode : **JS1229**

**Q48** Direction: On the basis of the following information, answer the questions that follow.

:

Six people are sitting on the ground in a hexagonal shape. The hexagon's vertices are marked as A, B, C, D, E and F but not in the same order. However, all the sides of the hexagon are of same length. A is not adjacent to B or C; D is not adjacent to C or E; B and C are adjacent; F is in the middle of D and C.

Which of the following is a correct neighbouring triplet?

- (a) B, C, F
- (b) A, F, B
- (c) D, A, B
- (d) F, A, E

Key: **A**

Itemcode : **JS1230**

**Q49** In each of the following questions, various terms of an alphabet series are given with one or more terms missing as shown by (?). Choose the missing terms out of the given alternatives.

:

BXJ, ETL, HPN, KLP, ?

- (a) NHR
- (b) MHQ
- (c) MIP
- (d) NIR

Key: **A**

Itemcode : **JS1231**

**Q50** Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph?

:

- (a) Sister
- (b) Aunt
- (c) Grandmother
- (d) Daughter

Key: **A**

Itemcode : **JS1232**

**Q51** Which year in the future will have the same calendar exactly as 2009?

:

- (a) 2010
- (b) 2013
- (c) 2015
- (d) 2017

Key: **C**

Itemcode : **JS1233**

**Q52** An accurate clock shows 7 a.m. Through how many degrees will the hour hand rotate when the clock shows 1 p.m.?

:

- (a) 154 °
- (b) 180 °
- (c) 170 °
- (d) 160 °

Key: **B**

Itemcode : **JS1234**

**Q53** In each of the following problems, there is one question and three statements I, II and III given below the question.  
 : You have to decide whether the data given in the statements is sufficient to answer the question. Read all the statements carefully and find which of the statements is/are sufficient to answer the given question. Choose the correct alternative in each question.

Question: How is 'DATE' written in the code language ?

Statements:

- I. DEAR is written as \$#@? in that code.
- II. TREAT is written as %?#@% in that code.
- III. TEAR is written as %#@? in that code.

- (a) Only I and II
- (b) Only II and III
- (c) All I, II and III
- (d) Only I and either II or III

Key: **D**

Itemcode : **JS1235**

**Q54** In each of the following problems, there is one question and three statements I, II and III given below the question.  
 : You have to decide whether the data given in the statements is sufficient to answer the question. Read all the statements carefully and find which of the statements is/are sufficient to answer the given question. Choose the correct alternative in each question.

Question: How is the girl in the photograph related to Bhushan?

Statements:

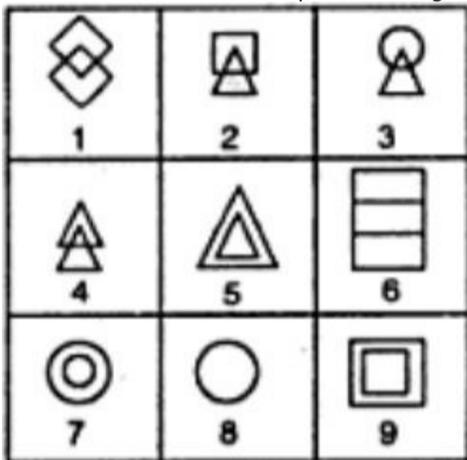
- I. Pointing to the photograph, Bhushan said, "She is the mother of my father's only granddaughter".
- II. Bhushan has no siblings.
- III. Pointing to the photograph, Bhushan said, "She is the only daughter-in-law of my mother."

- (a) Any two of the three
- (b) Only I and II
- (c) Only II and III
- (d) Either only III or only I and II

Key: **D**

Itemcode : **JS1239**

**Q55** The following figure consists of a 3 x 3 matrix. The matrix consists of 9 different figures. The figures are such that 3 of them bear a similar relation and form group 1, another 3 figures bear a relation and form group 2 and similarly the rest 3 bear another relationship and form group 3. Find the option which shows all three groups in the correct sequence.

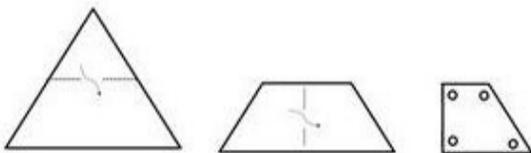


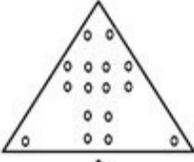
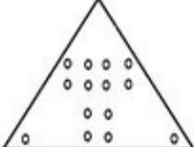
- (a) (1,4,6); (3,5,8); (2,7,9)
- (b) (1,4,8); (2,3,6); (5,7,9)
- (c) (4,5,6); (2,3,8); (1,7,9)
- (d) (1,4,6); (2,3,8); (5,7,9)

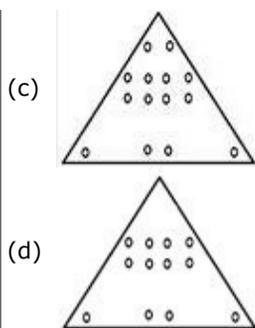
Key: **D**

Itemcode : **JS1240**

**Q56** A piece of paper is folded and punched as shown below. From the given responses indicate how it will appear when opened.



- (a) 
- (b) 

Key: **C**Itemcode : **JS1241**

**Q57** In a certain code language,  
 : '134' means 'good and tasty'  
 '478' means 'see good pictures' and  
 '729' means 'pictures are faint'.  
 Which of the following digits stands for 'see'?

- (a) 9  
 (b) 2  
 (c) 1  
 (d) 8

Key: **D**Itemcode : **JS1242**

**Q58** In a certain code language,  
 : (A)'pit na som' means 'bring me water'  
 (B) 'na jo tod' means 'water is life'  
 (C) 'tub od pit' means 'give me toy'  
 (D) 'jo lin kot' means 'life and death'  
 Which of the following represents 'is' in that language ?

- (a) jo  
 (b) na  
 (c) tod  
 (d) lin

Key: **C**Passage:

Answer the questions based on the information provided.

In a building with various offices on 12 floors, there are two lifts. Lift 1 halts at even numbered floors and Lift 2 at odd numbered. A, B, C and D have their offices on 2, 8, 7 and 11 floors respectively. The office reaching time for A and C is 9:10 am while for B and D is 9:15 am and 9:20 am respectively. The attendance will be marked on the floor office. The lift takes 30 seconds to cross from one floor to another and halts on the selected floor for 30 seconds. The employees have to complete 8 hours and 30 minutes per day and are allowed to be late in the morning up to a maximum of 30 minutes, which has to be compensated for in the evening. They have to enter the building from Ground i.e. '0' floor and it is not necessary that the lift is always available.

Itemcode : **JS1220**

**Q59** D steps into Lift 1 by mistake with in it at 9:00 am at the ground floor and C is in Lift 2 at ground floor at the same time and realises only when the lift has started. Then approximately at what time will D reach office, if Lift 2 halts for additional 30 seconds after D boards it?

- (a) 9:16 am  
 (b) 9:14 am  
 (c) 9:11 am  
 (d) 9:10 am

Key: **B**Itemcode : **JS1221**

**Q60** If A reaches the building at 9:08 am and Lift 1 is at the floor with only B in it, at what time can at the earliest leave from office on that given day?

- (a) 5:40 pm  
 (b) 5:42 am  
 (c) 5:47 pm  
 (d) 5:45 pm

Key: **D**Passage:

Read the following information carefully to answer the questions given below it.

Mr. Malhotra's family is a traditional joint family from Jalandhar having six persons from three generations. Each member of the family has different food preference and they support different sports / games. Only two couples are there in the family. Rakesh likes continental food and his wife neither likes dry fruits nor supports gymnastics. The person who likes egg supports Rugby and his wife likes traditional food. Mona is mother-in-law of Sonalika and she supports Athletics. Varun is grandfather of Tarun and Tarun, who likes Punjabi food, supports Basketball. Nuri is granddaughter of Mona and she supports Badminton. Nuri's mother supports horse riding.

Itemcode : **JS1227**

**Q61** Identify the correct pair of two couples from the following:

- (a) Mona-Varun and Rakesh-Sonalika

- (b) Varun-Mona and Rakesh-Nuri  
 (c) Rakesh-Sonalika and Tarun-Nuri  
 (d) Cannot be determined

Key: **A**

Itemcode : **JS1228**

**Q62** Who likes Punjabi food, and what sport / game does he / she support?

:

- (a) Nuri and Badminton  
 (b) Sonalika and horse riding  
 (c) Tarun and Basketball  
 (d) None of the above

Key: **C**

Passage:

Answer the following questions based on passage below:

Human skin maintains its health and smoothness by means of a fatty substance called sebum, secreted by millions of glands located near the roots of hair. This oily substance oozes to the skin and forms a protective mixture with sweat, to keep our skin moist and pliable. In very cold weather the sebum congeals and does not come to the surface of the skin; as a result, the skin becomes dry and chapped. Over-production or under-production of sebum causes excessively oily skin or excessively dry skin. During adolescence there is a rapid increase in sebum production causing skin eruptions. But as we grow older, sebum production decreases, causing dry skin, wrinkles and lack of elasticity... Although, all skins seem to look alike, our skin is particularly our own so that our fingerprint patterns are unique and can never be found duplicated in any other skin pattern. Similarly, when there is a skin transplant, the skin is taken from another part of the same body, otherwise the body is liable to reject it.

Itemcode : **JS1166**

**Q63** The discussion of sebum in the passage above, is relevant because it is

:

- (a) secreted right at the roots of hair on the skin  
 (b) an oily substance oozing to the skin  
 (c) protective of the health of human skin  
 (d) a protective mixture with sweat

Key: **C**

Itemcode : **JS1168**

**Q64** From the options provided below, select the one which is an inaccurate statement about human skin

:

- (a) all human skins are alike  
 (b) human finger prints are unique  
 (c) donor and recipient of skin transplant is mostly the same  
 (d) During adolescence excessive sebum causes skin eruptions

Key: **A**

Itemcode : **JS1169**

**Q65** Identify the word or term used in the passage to imply "using a part of the body from one donor site to transport it to another"

:

- (a) transplant  
 (b) human skin  
 (c) adolescent  
 (d) duplicated

Key: **A**

Itemcode : **JS1170**

**Q66** As per the passage, the root cause of loss of elasticity of human skin is

:

- (a) adolescence  
 (b) decrease in sebum production  
 (c) dry skin and wrinkles  
 (d) old age

Key: **B**

Itemcode : **JS1171**

**Q67** In the context of the passage, the phrase "otherwise the body is liable to reject it" implies

:

- (a) if the skin transplant is not identical to the recipient's skin  
 (b) when skin transplanted is from another body  
 (c) if the skin donor and recipient is not one and the same  
 (d) all the above

Key: **D**

Passage:

Answer the following questions based on passage below:

Any persons with an elementary knowledge of the way computers work can tell you that any operation that involves mathematics or logic can be conveniently done by a computer. While computers are becoming more powerful and juggle with enormous amount of complex data, what they cannot do, at least at the current levels of technological progress, is to think

creatively. It is this fact that needs to be imbibed by executives. The ones who will not only survive but will be sought after will be the ones who can think creatively in response to problems and think proactively to create profitable business opportunities. Fortunately, it is possible to learn to think creatively. Creativity is something almost every individual is born with. Our educational system does everything to bludgeon this gift into non-existence. However, one can unlearn the so-called thinking skills one has imbibed in the long years spent in school and acquire creative thinking skills in as much the same way as one learns cricket or swimming.

Itemcode : **JS1172**

**Q68** As per the above passage, the executives should take note that computers

:

- (a) can handle mathematical and logical operations
- (b) can manage huge and complex data
- (c) cannot respond creatively to problems
- (d) cannot survive without creative thinking

Key: **C**

Itemcode : **JS1173**

**Q69** Creativity is a gift which is

:

- (a) native to very few individuals in the world
- (b) enhanced by our educational system
- (c) bludgeoned into existence at birth
- (d) unlearnable through diligent practice

Key: **D**

Itemcode : **JS1174**

**Q70** Read the following statements carefully and state whether they are true or false:

- (i) Executives who can respond creatively to problems will survive and thrive.
- (ii) Future computers will function proactively to create business opportunities

- (a) Both the statements (i) and (ii) are true
- (b) Statement (i) is true but statement (ii) is false
- (c) Both the statements (i) and (ii) are false
- (d) Statement (ii) is true but statement (i) is false

Key: **B**

Itemcode : **JS1175**

**Q71** The passage implies that there is need to acquire

:

- (a) thinking skills
- (b) computational excellence
- (c) creative thinking
- (d) mathematical and logical thinking

Key: **C**

Itemcode : **JS1176**

**Q72** Read the following options carefully and select the one that is fully borne out by the passage:

:

- (a) Thinking is a gift that educational system tries to suppress
- (b) Creativity is a gift that is promoted by our educational system
- (c) Creative thinking is a gift that our educational system suppresses
- (d) Creativity is a natural gift that is smothered by our educational system.

Key: **D**

Passage:

The following questions are based on the information given below:

1. All the faces of cubes are painted with red colour.
2. The cubes is cut into 64 equal small cubes.

Itemcode : **JS1236**

**Q73** How many small cubes have only one face coloured ?

:

- (a) 4
- (b) 8
- (c) 16
- (d) 24

Key: **D**

Itemcode : **JS1237**

**Q74** How many small cubes are there whose three faces are coloured ?

:

- (a) 4
- (b) 8
- (c) 16
- (d) 24

Key: **B**

Itemcode : **JS1238**

**Q75** How many small cubes have no faces coloured ?

:

- (a) 24
  - (b) 8
  - (c) 16
  - (d) 0
- Key: **B**