Government of Goa

CBRT - 2019
Question Paper Grid

26 May 2019

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Subjects Librarian

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Librarian

Itemcode : **LB1031**

Q1 : Spot the error in the following sentence. The Alphabet of that Part (containing the error) is your answer.

(a) What to talk of charity
(b) Rajan does not practise
(c) even
(d) ordinary humanity

Itemcode : **LB1032**

Q2 : Spot the error in the following sentence. The Alphabet of that Part (containing the error) is your answer.

(a) No King in that period
(b) was so intensely involved
(c) in the welfare of his people
(d) as King Ashoka

Itemcode : **LB1033**

Q3 : Fill in the blank with the correct preposition.
I am not obsessed _____ such ideas as you are.

(a) in
(b) on
(c) for
(d) with

Itemcode : **LB1034**

Q4 : Fill in the blank with the correct preposition.
India is committed _____ a policy of peaceful existence.

(a) for
(b) with
(c) to
(d) of

Itemcode : **LB1035**

Q5 : Choose the correct Antonym from the following word given.
ANTIPATHY

(a) indifference
(b) willingness
(c) fondness
(d) artificial

Itemcode : **LB1036**

Q6 : Choose the correct Antonym from the following word given.
MOROSE

(a) healthy
(b) gloomy
(c) haggard
(d) cheerful

Passage:
Read the following passage and answer the following questions on the basis of information provided in the passage.

Our body is a wondrous mechanism and when subjected to unusual stress over a period of time, it adapts itself to deal more effectively with that stress. So when you exert your muscles against resistance, they are forced to adapt and deal with this extraordinary workload. This is the principle of weight training. Strands of muscle fibres become thicker and stronger in response to the demands placed on them.

One of the great merits of weight training is the strength of your heart. During weight training, your heart is forced to beat faster and stronger in order to pump sufficient blood to the muscles being worked. In time, your heart, like your body will adapt to this extra workload by becoming stronger and more efficient. Since your body needs a given amount of blood to perform its daily tasks your heart will now need fewer beats to pump the same quantity of blood. Sounds good? There's more. Your entire circulatory system is given a thorough workout every time you exercise, which increases its overall efficiency. Even the neural paths from your brain's command centres to each individual muscles become more effective, enabling easier

recruitment of muscle fibres for carrying out physical tasks. In essence, your body becomes a well-oiled and finely-tuned piece of machinery, whirring along without any break-down. In today's stress filled world, you need all the help you can get.

Itemcode : **LB1037**

Q7 : What is the principle training of weight lifting?

(a) Adapting the body to muscle force
(b) Adapting muscles to force implied on them
(c) Disposing extra workload
(d) Mechanised response to external conditions

Itemcode : **LB1038**

Q8 : How does the heart become stronger owing to physical exercise?

(a) Thorough acclimatisation
(b) Naturalisation
(c) Adapting to excessive workload
(d) By accelerating the circulation of blood

Itemcode : **LB1039**

Q9 : What does the term 'well-oiled' in the passage do note?

(a) Healthy
(b) Efficient
(c) Managed
(d) None of these

Itemcode : **LB1040**

Q10 : What affects the nature of muscle fibres?

(a) Intensity of workload
(b) Alimentary System
(c) Nutrition
(d) Stress imposed on them

Itemcode : **LB1046**

Q11 : Let P, Q, S, R, T, U and V represent seven distinct digits from 0 to 6, not necessarily in that order. If PQ and RS are both two digit numbers adding up to the three digit number TUV, find the value of V.

(a) 3
(b) 6
(c) 5
(d) Cannot be determined

Itemcode : **LB1047**

Q12 : Each one of Mr. Ugle, his mother, his wife and his son is a different professional among lawyer, doctor, engineer and accountant. The accountant is not the son of the lawyer, who is a blood relative of the doctor. The engineer is the son of the accountant who is not a blood relative of the doctor. Who can never be the doctor?

(a) Mr. Ugle
(b) Mr. Ugle's wife
(c) Mr. Ugle's son
(d) Both a & c

Itemcode : **LB1048**

Q13 : A and B start simultaneously from P and Q towards Q and P respectively. The speed of A and B are 25 kmph and 32 kmph respectively. They meet at R and immediately return to their respective starting points after exchanging their speeds. If the distance between P and Q is 2000 km, then the difference in time taken by A and B to reach their starting position is

(a) 15.5 hours
(b) 20 hours
(c) 16 hours
(d) 17.5 hours

Itemcode : **LB1049**

Q14 : Find the number of two-digit numbers that are divisible by both 6 and 7

(a) 4
(b) 3
(c) 2
(d) 1

Itemcode : **LB1050**

Q15 : The sentences given in the question, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. From among the four choices given below the question, choose the most logical order of sentences that constructs a coherent paragraph.
P. In their popular-philosophizing mode, physicists like to quote the poets Keats ("beauty is truth, truth beauty") or Blake on the subject of nature's "fearful symmetry".
Q. From Euclid and Pythagoras down to 20th century physicists, many who explore the underlying laws of natural world have been truth and beauty as inextricable intertwined.

R. Does science have a "beauty" problem?
S. "Beauty is a successful criterion of selecting the right theory," the Noble Prize-winning physicist Murray Gell-Mann said in a much quoted TED talk in 2007.
T. David Orrell, a mathematician and consultant argues that it does - or, at least, the some of its practitioners are enthrall to ideals involving "elegance", "symmetry", and "unity" that are beckoning them down false paths.

(a) SPQRT
(b) SQPRT
(c) RTQSP
(d) RSPQT

Itemcode : **LB1051**

Q16 : There are two blanks in question. From the pairs of words given below sentence choose the pair that fills the blank most appropriately.
A borrowed book is like a guest in the house; it must be treated with _____ , with a certain considerate _____ .

(a) respect .. understanding
(b) punctiliousness .. formality
(c) propriety .. modesty
(d) reverence .. decorum

Itemcode : **LB1052**

Q17 : There are two blanks in question. From the pairs of words given below sentence choose the pair that fills the blank most appropriately.
The government health sector in India has been on a _____ path since 2005, with substantial _____ of central government funds under the National Rural Health Mission (NRHM).

(a) change .. mixture
(b) modification .. combination
(c) transformation .. blend
(d) reform .. infusion

Itemcode : **LB1055**

Q18 : Clock is related to Time in the same ways as Vehicle is related to which of the following?

(a) Driver
(b) Road
(c) Journey
(d) Fuel

Itemcode : **LB1056**

Q19 : A student received an average score of N points on her first 3 tests. If her fourth test score exceeds the average score of previous 3 tests by 20 points, then what is the average score for the four tests?

(a) N + 20
(b) N + 10
(c) N + 4
(d) N + 5

Itemcode : **LB1057**

Q20 : A thief running at 8 km/hr is chased by a policeman whose speed is 10 km/hr. If the thief is 100 m ahead of the policeman, then the time required for the policeman to catch the thief will be:

(a) 2 min
(b) 3 min
(c) 4 min
(d) 6 min

Itemcode : **LB1058**

Q21 : Which of the following situations below describes the best, as an example of 'Speculation'?

(a) Francine decides that it would be appropriate to wear jeans to her new office on Friday after reading about"Casual Fridays" in her employee handbook.
(b) Mary spends thirty minutes sitting in traffic and wishes that she took the train instead of driving.
(c) After consulting several guidebooks and her travel agent, Jennifer feels confident that the hotel she has chosen is first-rate.
(d) When Emily opens the door in tears, Theo guesses that she's had a death in her family.

Itemcode : **LB1059**

Q22 : Which situation below is the best example of 'Embellishing the Truth'?

(a) Isabel goes to the theater, and the next day,she tells her coworkers she thought the play was excellent.
(b) The realtor describes the house, which is eleven blocks away from the ocean, as prime waterfront property.
(c) During the job interview, Fred, who has been teaching elementary school for ten years, describes himself as a very experienced teacher.
(d) The basketball coach says it is likely that only the most talented players will get a college scholarship.

Itemcode : **LB1060**

Q23 : Statements: Some businessmen are fools. Some fools are rich.
Conclusions:

I. Some businessmen are rich
II. Some rich are businessmen.
Which of the following is correct?

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Either I or II follows
(d) Neither I nor II follows

Itemcode : **LB1061**

Q24 : The price of a product is P. A shopkeeper raises its prices by X% and then offers a discount by Y% on the raised price. The discounted price again becomes P. if Y is the difference between X and Y, find Y.

(a) 20
(b) 25
(c) 50
(d) 100

Itemcode : **LB1062**

Q25 : If instead of multiplying a number by 6 the number was divided by 6. What should be the percentage error?

(a) 100%
(b) 96.00%
(c) 94.00%
(d) 98.00%

Itemcode : **LB1063**

Q26 : 35% of 480 + 120% of 120 = _____ ?

(a) 312
(b) 222
(c) 322
(d) 212

Itemcode : **LB1064**

Q27 : The film director wants an actress for the lead role of Lucy who perfectly fits the description that appears in the original screenplay. He is not willing to consider actresses who do not resemble the character as she is described in the screenplay, no matter how talented they are. The screenplay describes Lucy as an average-sized, forty something redhead, with deep brown eyes, very fair skin, and a brilliant smile. The casting agent has four actresses in mind.

Actress #1 is a stunning red-haired beauty who is 5'9" and in her mid-twenties. Her eyes are brown and she has an olive complexion.
Actress #2 has red hair, big brown eyes, and a fair complexion. She is in her mid-forties and is 5'5".
Actress #3 is 5'4" and of medium build. She has red hair, brown eyes, and is in her early forties.
Actress #4 is a blue-eyed redhead in her early thirties. She's of very slight build and stands at 5'.

Which two actresses should the casting agent send to meet the director?

(a) 1, 2
(b) 2, 3
(c) 1, 4
(d) 2, 4

Itemcode : **LB1065**

Q28 : Three 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?

(a) Orange
(b) Pear
(c) Radish
(d) Mango

Itemcode : **LB1066**

Q29 : A mixture comprises of water and liquids A and B. The volume of water is 1/3rd of the total mixture and the volume of liquids A and B are in the ratio of 5 : 3. To remove the water, the mixture is passed through a porous medium which completes absorbs the water and partially absorbs liquid A. Altogether this porous medium absorbs 200 ml of the initial mixture. If the ratio of volume of liquids A and B in the residual concentrated mixture becomes 7 : 9, then find the volume of water absorbed by the porous medium.

(a) 60 ml
(b) 100 ml
(c) 80 ml
(d) 120 ml

Passage:
Answer the questions on the basis of the information given below.

Mr De Souza, a car dealer, sold cars of only two brands, A and B, in the previous year. This year, he introduced a new brand, C. The number of cars of brand A and brand B sold in the previous year were in the ratio 3 : 2, and the ratio of the number of cars sold in the previous year to that sold in this year is 2 : 3 for brand A and 2 : 5 for brand B. Further, the number of cars of brand C sold this year forms 81% of the total number of cars sold this year.

Itemcode : **LB1042**

Q30 : Find the number of cars of brand C sold this year, given that a total of 24 cars of brand A were sold in the previous year.

(a) 243
(b) 324
(c) 648
(d) 162

Itemcode : **LB1043**

Q31 : What is the percentage increase in the total number of cars sold this year when compared to the total number of cars sold in the previous year?

(a) 1000%
(b) 600%
(c) 900%
(d) 400%

Passage:
Answer the questions on the basis of the information given below.

A sports club shortlisted five persons - Andrew, Bradman, John, Whitefield and Chang. Each of them is from a different country among Australia, India, Japan, Pakistan and Canada, not necessarily in that order. At present, each of them is coaching the team of a different country among Australia, Bangladesh, China, Wales and Bermuda, not necessarily in that order. The following details were also observed about their particulars:

(i) For any person, each of his three particulars - his name, the name of the country from which he is and the name of the country that he is coaching at present, starts with a different letter.

(ii) Whitefield is coaching Australia and John is from neither Australia nor Pakistan.

(iii) Bradman is not coaching China and the person who is coaching Bermuda is from Canada.

(iv) Anshuman is neither from Canada nor from Pakistan and also the person from Pakistan is coaching Bangladesh.

Itemcode : **LB1044**

Q32 : Whitefield is from which country?

(a) India
(b) Japan
(c) Canada
(d) Cannot be determined

Itemcode : **LB1045**

Q33 : Who is the person from Australia?

(a) Bradman
(b) John
(c) Whitefield
(d) Cannot be determined

Passage:
Answer the question on the basis of information given below:

In a locality there are five buildings - A, B, C, D and E. All of them are of different heights. The tallest building has five floors, the next tallest has four floors, and so on, till the shortest has only one floor. Further it is known that:

(i) The sum of the number of floors of A and E is equal to the sum of the number of floors of C and D.

(ii) C is not the tallest building and A is not the shortest building

(iii) C is taller than A and D is taller than B

Itemcode : **LB1053**

Q34 : Which building is the shortest?

(a) B
(b) A
(c) C
(d) Either B or A

Itemcode : **LB1054**

Q35 : Building C has _____ floors.

(a) 2
(b) 3
(c) 4
(d) 5

Itemcode : **LB1067**

Q36 Real Madrid won the 2018 UEFA Champions League. Who was the runner-up?

:

(a) Juventus
(b) Atletico Madrid
(c) Liverpool
(d) Manchester United

Itemcode : **LB1068**

Q37 In which year, Mamata Banerjee led Trinamool Congress came to power for the first time in West Bengal?
:

(a) 2009
(b) 2010
(c) 2011
(d) 2015

Itemcode : **LB1069**

Q38 As per Swachh Sarvekshan 2017, _____ was declared the cleanest City in India.
:

(a) Indore
(b) Bhopal
(c) Surat
(d) Mysore

Itemcode : **LB1070**

Q39 Who was the last Mughal Emperor in India?
:

(a) Shah Alam II
(b) Muhammad Shah Bahadur
(c) Akbar Shah II
(d) Bahadur Shah II

Itemcode : **LB1071**

Q40 Who among the following founded Google?
:

(a) Jack Dorsey
(b) Jan Koum
(c) Larry Page
(d) Jeff Bezos

Itemcode : **LB1072**

Q41 Mangalyan, the Mars Orbiting Mission by India was launched in _____ year.
:

(a) 2013
(b) 2014
(c) 2015
(d) 2016

Itemcode : **LB1073**

Q42 Gomant Vibhushan Award is the highest civilian honor by the Government of Goa. The last time this was given in 2016.
: Who received the award?

(a) Laxman Pai
(b) Lambert Mascarenhas
(c) RA Mashelkar
(d) Charles Correa

Itemcode : **LB1074**

Q43 Who has become the World's First Female Cricketer to take 200 wickets in One Day Internationals?
:

(a) Jhulan Goswami
(b) Veda Krishnamu rthy
(c) Smriti Mandhana
(d) Neetu David

Itemcode : **LB1075**

Q44 The famous 'Hornbill Festival' is held in which of the following states?
:

(a) West Bengal
(b) Assam
(c) Nagaland
(d) Kerala

Itemcode : **LB1076**

Q45 Who among the following is a founder of Wikipedia
:

(a) Ward Cunningham

(b) Larry Sanger
(c) Rick Gates
(d) Bill Gates

Itemcode : **LB1001**

Q46 : "The best reading for the largest number at the least cost" Who enunciated this principle for the selection of books for a library?

(a) S. R. Ranganathan
(b) Drury
(c) Melwil Dewey
(d) Mc Colvin

Itemcode : **LB1002**

Q47 : Two names responsible for the origin of UDC are .... and .....

(a) Paul Otlet and DonkerDuyvis
(b) Paul Otlet and Henri La Fontain
(c) S.C.Bradford and Paul Otlet
(d) S.C.Bradford and DonkerDuyvis

Itemcode : **LB1003**

Q48 : Shodhganga is a national level repository of .....

(a) e-journals
(b) e-books
(c) e-theses
(d) e-newsletter

Itemcode : **LB1004**

Q49 : The 'Science Citation Index' is developed by .....

(a) Eugene Garfield
(b) Farradane
(c) H. P. Luhn
(d) W. C. B. Sayers.

Itemcode : **LB1005**

Q50 : Who coined the term 'Information Literacy'?

(a) Paul Zurkowski
(b) Michael Casey
(c) Tim Berner's Lee
(d) Mark Zuckerberg

Itemcode : **LB1006**

Q51 : Seven Pillars Model is related to .....

(a) Information Literacy
(b) Information Retrieval
(c) Library Cooperation
(d) Library Automation

Itemcode : **LB1007**

Q52 : The National Library, Kolkata was earlier known as .....

(a) The Imperial Library
(b) The Asiatic Society Library
(c) The National Public Library
(d) Connemera Public Library

Itemcode : **LB1008**

Q53 : RDA related to .....

(a) Classification
(b) Cataloguing
(c) Searching
(d) Browsing

Itemcode : **LB1009**

Q54 : World Cat is maintained by .....

(a) Library of Congress
(b) Online Computer Library Center
(c) American Library Association
(d) None of the above

Itemcode : **LB1010**

Q55 How many elements make up "Dublin Core Metadata"?
:

(a) 11 Elements
(b) 13 Elements
(c) 10 Elements
(d) 15 Elements

Itemcode : **LB1011**

Q56 The National agency that finances the public libraries in India is .....
:

(a) UGC
(b) RRLF
(c) NML
(d) NBT

Itemcode : **LB1012**

Q57 Books misplaced on the shelves by readers are restored. This work in the library is referred to as .....
:

(a) Shelving
(b) Stock verification
(c) Shelf rectification
(d) Shifting

Itemcode : **LB1013**

Q58 INSDOC was merged with NISCOM and is now known as ??
:

(a) DELNET
(b) NASSDOC
(c) DESIDOC
(d) NISCAIR

Itemcode : **LB1014**

Q59 MeSH is the name of a .....
:

(a) Medical Library
(b) Controlled Vocabulary
(c) Online Database
(d) CSIR Unit

Itemcode : **LB1015**

Q60 SCOPUS database is maintained by .....
:

(a) Emerald
(b) Taylor and Francis
(c) Cambridge University Press
(d) Elsevier

Itemcode : **LB1016**

Q61 ASK (Approach, Skill, Knowledge) principle is related to
:

(a) Classification
(b) Management
(c) ICT
(d) Standards

Itemcode : **LB1017**

Q62 The concept of Selective Dissemination of Information (SDI) was introduced by
:

(a) Kaiser
(b) Luhn of IBM
(c) S. R. Ranganathan
(d) Derek Austin

Itemcode : **LB1018**

Q63 The invisible web refers to-
:

(a) The internet, since we cannot see it
(b) That part of the internet, which is hidden from the search engines
(c) The telecommunication signals which are not seen
(d) The failure in accessing the web pages

Itemcode : **LB1019**

Q64 Which Commission recommended 10% of the total college budget for development of Libraries?
:

(a) Dr. S. R. Ranganathan Committee
(b) Mehrotra Committee
(c) Kothari Committee
(d) Curriculum Development Committee in LIS

Itemcode : **LB1020**

Q65 'Fair use' is a term most relevant to:
:

(a) Intellectual Property Rights
(b) Books borrowed for home reading
(c) Copy right
(d) Use of reference books

Itemcode : **LB1021**

Q66 What is a Patent?
:

(a) An agreement to the Government
(b) Document of the library
(c) An agreement between the inventor and the Government
(d) An agreement between library and Publisher

Itemcode : **LB1022**

Q67 One of the following is not an open source software :
:

(a) D'space
(b) Windows
(c) Green-stone
(d) Linux

Itemcode : **LB1023**

Q68 What does .com represent?
:

(a) Community
(b) Communism
(c) Communion
(d) Commercial

Itemcode : **LB1024**

Q69 You need to know how current the information is in a book. Where can you find the date of when the book was published?
:

(a) Index
(b) Title page
(c) Back of title page
(d) Book cover

Itemcode : **LB1025**

Q70 Plagiarism is:
:

(a) Including other people's ideas in your paper
(b) Using someone's ideas in your paper, but not citing (crediting) the source
(c) Directly quoting a source instead of using your own words
(d) Writing on your own

Itemcode : **LB1026**

Q71 Which one is E-Bibliographic database?
:

(a) Nature
(b) Blackwell
(c) ISID
(d) Springer

Itemcode : **LB1027**

Q72 What is e-prints ?
:

(a) A catalogue
(b) A journal
(c) A repository Software
(d) An encyclopeadia

Itemcode : **LB1028**

Q73 A Pre-print is:
:

(a) Article to be presented in a conference
(b) Article published in a Journal
(c) Paper published in a journal
(d) A published book

Itemcode : **LB1029**

Q74 Indian Library Science Abstract is published by **:**

(a) IASLIC
(b) ILA
(c) National Library of India
(d) INSDOC

Itemcode : **LB1030**

Q75 BSO in classification stands for **:**

(a) Basic Subject of Organisation
(b) Broad Subject Ordering
(c) Bibliography of Subject Ordering
(d) Bibliographic Subject Organisation

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