CBRT - 2019
Question Paper Grid

Government of Goa   15 September 2019

Menu

Set Name   [15092019_SESSION_III ▼]

Subjects   [Medical Officer   ▼]

Display   [With Answer Key   ▼]

[Display Questions]   [Cancel]

Medical Officer

Itemcode : **MO1150**

Q1 : Earliest Feature of Xeropthalmia is

(a) Night Blindness
(b) Conjunctival Xerosis
(c) Bitot spots
(d) Dry Eye
Key: **A**

Itemcode : **MO1151**

Q2 : Preauricular Lymph Nodes may be enlarged in all except

(a) Bacterial conjunctivitis
(b) Viral conjunctivitis
(c) Allergic conjunctivitis
(d) Chlamydial conjunctivitis
Key: **C**

Itemcode : **MO1152**

Q3 : Sunray appearance in X-ray is seen in

(a) Osteo Sarcoma
(b) Ewings Sarcoma
(c) Multiple Myeloma
(d) Osteoclastoma
Key: **A**

Itemcode : **MO1153**

Q4 : Multiple 'punched out holes' in skull X-ray seen in

(a) Multiple Myeloma
(b) Thallesemia Major
(c) Acromegaly
(d) Osteopetrosis
Key: **A**

Itemcode : **MO1154**

Q5 : Most common mode of treatment of a one year old child with asthma is

(a) Inhaled short acting B2 agonist
(b) Oral short acting theophylline
(c) Oral Ketotifen
(d) Leukotriene agonist
Key: **A**

Itemcode : **MO1155**

Q6 : A previously healthy active 18 month old presents with unilateral nasal obstruction and foul smelling nasal discharge. The examination is otherwise unremarkable.

(a) Foreign body
(b) Nasal polyps
(c) Frontal Sinusitis
(d) Choanal Atresia
Key: **A**

Itemcode : **MO1156**

Q7 : Hemolysis in G-6-P-D deficiency is precipitated by all except

(a) Dapsone
(b) Septran
(c) Quinine
(d) Penicillin
Key: **D**

Itemcode : **MO1157**

Q8 : The best Anti Rabies vaccine is

(a) Simple Vaccine
(b) Duck Embryo Vaccine
(c) HDC Vaccine
(d) Flurry Vaccine
Key: **C**

Itemcode : **MO1158**

Q9 : The breeding ground for the vectors of Japanese B virus is

(a) Paddy field
(b) Mixed garbage
(c) Cooler water
(d) Stale food
Key: **A**

Itemcode : **MO1159**

Q10 Transmitting agent of KFD is
:

(a) Flea
(b) Mite
(c) Tick
(d) Louse
Key: **C**

Itemcode : **MO1160**

Q11 The most rapidly acting bactericidal drug for M-Leprae is
:

(a) Dapsone
(b) Clofazimine
(c) Ethionamide
(d) Rifampian
Key: **D**

Itemcode : **MO1161**

Q12 A baby fed on cow's milk only is likely to develop
:

(a) Beriberi
(b) Rickets
(c) Night Blindness
(d) Scurvy
Key: **D**

Itemcode : **MO1162**

Q13 Which of the following is a zoonotic disease?
:

(a) Hydatid Disease
(b) Malaria
(c) Filariasis
(d) Dengue Fever
Key: **A**

Itemcode : **MO1163**

Q14 The recommended content of Iodine in salt at the consumer level is
:

(a) 10 ppm
(b) 15 ppm
(c) 20 ppm
(d) 30 ppm
Key: **B**

Itemcode : **MO1164**

Q15 Anopheles mosquito lays eggs in
:

(a) clear water
(b) chlorinated water
(c) running water
(d) water logged dirty ponds
Key: **A**

Itemcode : **MO1165**

Q16 Which of the following swelling moves with protrusion of the tongue
:

(a) Thyroglossal cyst
(b) Branchial cyst
(c) Ranula

(d) Odontogenic cyst
Key: **A**

Itemcode : **MO1166**

Q17 Best method to diagnose typhoid in the first week
:

(a) Blood culture
(b) Widal Test
(c) Urine culture
(d) Stool culture
Key: **A**

Itemcode : **MO1167**

Q18 Enzyme raised in obstructive Jaundice
:

(a) ALT
(b) AST
(c) Alkaline Phosphatase
(d) LDH
Key: **C**

Itemcode : **MO1168**

Q19 Curdy vaginal discharge seen in
:

(a) Bacterial Vaginosis
(b) Candidiasis
(c) Trichomonas
(d) Chlamydia
Key: **B**

Itemcode : **MO1169**

Q20 The principal vector of dengue virus is
:

(a) Anopheles Culicifacies
(b) Aedes Aegypti
(c) A- Stephensis
(d) Culex Molestis
Key: **B**

Itemcode : **MO1170**

Q21 Hydatidiform mole follow up reliable test
:

(a) serum estradiol levels
(b) USG
(c) clinical examination
(d) Beta HCG
Key: **D**

Itemcode : **MO1171**

Q22 A freshly prepared ORS should not be used after
:

(a) 4 hrs
(b) 6 hrs
(c) 12 hrs
(d) 24 hrs
Key: **D**

Itemcode : **MO1172**

Q23 Left Sepraclavicular Lymph node metastasis commonly seen in
:

(a) Ca Liver
(b) Ca parotid
(c) Ca kidney
(d) Ca stomach
Key: **D**

Itemcode : **MO1173**

Q24 Vertigo is a symptom of
:

(a) Chronic pharyngitis
(b) Menieres Disease
(c) Goitre
(d) Rhinitis
Key: **B**

Itemcode : **MO1174**

Q25 Drug of choice for filariasis
:

(a) Albendazole
(b) DEC
(c) Nitrofurantoin
(d) Doxycycline
Key: **B**

Itemcode : **MO1175**

Q26 Swan neck deformity is a feature of
:

(a) Syphilitic Arthritis
(b) Gouty Arthritis
(c) Rheumatoid Arthritis
(d) Osteo Arthritis
Key: **C**

Itemcode : **MO1176**

Q27 Best investigation to diagnose foetal age
:

(a) Serial USG
(b) Amniocentesis
(c) Fundal height measurement
(d) X-ray
Key: **A**

Itemcode : **MO1177**

Q28 Chalazion is swelling of
:

(a) gland of zeiss
(b) gland of moll
(c) Meibomian gland
(d) Lacrimal gland
Key: **C**

Itemcode : **MO1178**

Q29 Megaloblastic Anaemia is due to deficiency of
:

(a) Iron
(b) Vit B12
(c) Vit A
(d) Vit D
Key: **B**

Itemcode : **MO1179**

Q30 Philadelphia chromosome detected in
:

(a) AML
(b) CML
(c) CLL
(d) ALL
Key: **B**

Itemcode : **MO1180**

Q31 Which of the following places is famous for Chikankari work, which is a traditional art of embroidery?
:

(a) Lucknow
(b) Hyderabad
(c) Jaipur
(d) Mysore
Key: **A**

Itemcode : **MO1181**

Q32 It travels over land and water. Who invented the HOVERCRAFT?
:

(a) S. Sperrow
(b) O. Stricheg
(c) T. Henman
(d) C. Cockerell
Key: **D**

Itemcode : **MO1182**

Q33 The initials JCB on earth-moving equipment are those of the founder of the company that makes it. What is his name?
:

(a) John Christopher Ballantyne
(b) Joseph Cyril Bamford

(c) John Christopher Baxter
(d) Jack Croxford Baker
Key: **B**

Itemcode : **MO1183**

Q34 The famous Dilwara Temples are situated in
:

(a) Uttar Pradesh
(b) Rajasthan
(c) Maharashtra
(d) Madhya Pradesh
Key: **B**

Itemcode : **MO1184**

Q35 'Bagh', a village in Gwalior is famous for
:

(a) Sculptures
(b) Architecture
(c) Cave Painting
(d) All of the above
Key: **C**

Itemcode : **MO1185**

Q36 Wadia Institute of Himalayan Geology is located at
:

(a) Delhi
(b) Shimla
(c) Dehradun
(d) Kulu
Key: **C**

Itemcode : **MO1186**

Q37 Which city is called 'White City' of Rajasthan?
:

(a) Bihar
(b) Jaipur
(c) Udaipur
(d) Jodhpur
Key: **C**

Itemcode : **MO1187**

Q38 India Celebrates February 28 every year as 'National Science Day' because on this day
:

(a) first Indian Space craft was launched
(b) Nehru laid the foundation of Science labs all over India
(c) in 1928 C.V. Raman discovered what was later called the 'Raman Effect'
(d) Vikram Sarabhai was born
Key: **C**

Itemcode : **MO1188**

Q39 World Literacy Day is observed on
:

(a) Sep 5
(b) Aug 6
(c) Sep 8
(d) Oct 24
Key: **C**

Itemcode : **MO1189**

Q40 Who won the 2019 edition of Women's singles US Open Tennis title?
:

(a) Bianca Andreescu
(b) Caroline Wozniacki
(c) Simona Halep
(d) Naomi Osaka
Key: **A**

Itemcode : **MO1190**

Q41 6, 12, 1, 13, 5 is to flame as 2, 12, 15, 1, 20 is to ?
:

(a) voice
(b) bald
(c) bloat
(d) castle
Key: **C**

Itemcode : **MO1191**

Q42 : Complete the series 3, 7, 23, 95, ?

(a) 62
(b) 128
(c) 479
(d) 575
Key: **C**

Itemcode : **MO1192**

Q43 : Complete the series 9, 17, 33, 65, ?

(a) 22
(b) 67
(c) 129
(d) 99
Key: **C**

Itemcode : **MO1193**

Q44 : In the following number series a wrong number is given. Find out the wrong number.
150, 450, 750, 1060, 1350, 1650, 1950

(a) 1060
(b) 1950
(c) 450
(d) 1350
Key: **A**

Itemcode : **MO1194**

Q45 : A Parking lot Contains 160 Vehicles. Each Vehicle is either a car or a truck, and each vehicle is either red or green. 70 vehicles are red, and 120 vehicles are cars. If there are 18 green trucks, how many red cars are there?

(a) 54
(b) 50
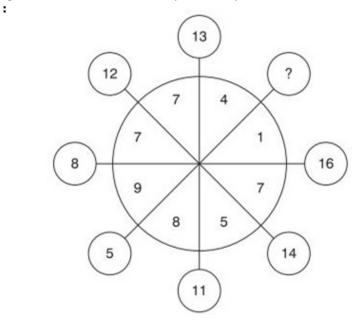(c) 48
(d) 45
Key: **C**

Itemcode : **MO1195**

Q46 : Sum of present ages of A, B and C is 92 years. If 4 years ago, the ratio of their ages were 1:2:3 respectively, find A's present age.

(a) 18.5 years
(b) 14.8 years
(c) 17.3 years
(d) 20.3 years
Key: **C**

Itemcode : **MO1196**

Q47 : Choose the mirror image

TERMINATE
[1] TERMINATE
[2] TERMINATE
[3] TERMINATE
[4] ETANIMRET

(a) 1
(b) 3
(c) 2
(d) 4
Key: **B**

Itemcode : **MO1197**

Q48 : A man is 24 years, older than his son. In two years, his age will be twice the age of his son. The present age of his son is ?

(a) 14 years
(b) 20 years
(c) 22 years
(d) 18 years
Key: **C**

Itemcode : **MO1198**

Q49 : Six persons A, B, C, D, E and Fare sitting in a circle. B is between F and C; A is between E and D; F is to the left of D. Who is between A and F?

(a) B
(b) C
(c) D
(d) A
Key: **C**

Itemcode : **MO1199**

Q50 : What number should replace the question mark ?

(a) 20
(b) 21
(c) 16
(d) 17
Key: **D**

Itemcode : **MO1200**

Q51 : What is X?

131 517 192 X

(a) 0
(b) 4
(c) 1
(d) 3
Key: **C**

Itemcode : **MO1201**

Q52 : In a certain code FIRE is coded as DGPC. What will be the last letter of the coded word for SHOT.

(a) Q
(b) R
(c) S
(d) P
Key: **B**

Itemcode : **MO1202**

Q53 : A watch gain 8 seconds in 4 minutes and was set right at 4 AM. What time will it show at 11 PM on the same day?

(a) 11:08
(b) 12:38
(c) 11:38
(d) 12:08
Key: **C**

Itemcode : **MO1203**

Q54 : In a coded message, SLOW MOVE, GET BACKWARDS, FIRE AWAY is written as VFMD ZMWE, BEN PCTLDCOXU, QHOE CDCI.
Based on this coding scheme, spot the codes for following word
SALTY
-

(a) UCFNI
(b) UCFIN
(c) UCINF
(d) UCHIN
Key: **A**

Itemcode : **MO1204**

Q55 : Read the following information carefully and answer the questions below.

1. J + K means J is the son of K
2. J - K means J is the wife of K
3. J x K means J is the brother of K
4. J ÷ K means J is the mother of K
5. J = K means J is the sister of K

What does A + B - C mean?

(a) C is the father of A
(b) C is the uncle of A
(c) C is the son of A
(d) C is the brother of A
Key: **A**

Itemcode : **MO1205**

Q56 : A billionaire drove his Ferrari towards North, then turned left and drove 10 km and again turned left and covered 20 km.He found himself 10 km West of his starting point.How far did he drive northward initially?

(a) 10 km
(b) 15 km
(c) 20 km
(d) 25 km
Key: **C**

Itemcode : **MO1206**

Q57 : Prajakta moves towards South-East a distance of 70 km, then she moves towards West and travels a distance of 140 km.From here she moves towards North-West a distance of 70 km and finally she moves a distance of 40 km towards east.How far is she now from the starting point?

(a) 10 km
(b) 20 km
(c) 30 km
(d) 40 km
Key: **A**

Itemcode : **MO1207**

Q58 : Karan is 100 m North-West of Lalit. If Manoj is 100 m North-East of Lalit, then Manoj is in which direction of Karan?

(a) East
(b) West
(c) North
(d) South
Key: **A**

Itemcode : **MO1208**

Q59 : Choose the word which is not similar to the other words in the group.

(a) Car
(b) Cycle
(c) Scooter
(d) Helicopter
Key: **B**

Itemcode : **MO1209**

Q60 : In the following question, one term in the number series is wrong. Find the wrong term.

125, 126, 124, 127, 122, 128

(a) 122
(b) 124
(c) 125
(d) 126
Key: **A**

Itemcode : **MO1210**

Q61 : Study the information given below carefully, and answer the question that follow:

On a stage, D, N, A and P are standing as described below facing North.

1) N is 2.5 m to the west of A.

2) K is 4 m to the right of A.

3) D is 6 m to the south of K.

4) P is 9 m to the north of D.

If a boy walks from N, meets A followed by K, D and then P, how many meters has he walked if he has traveled the straight distance all through?

(a) 15 m
(b) 18 m
(c) 21.5 m
(d) 22.5 m
Key: **C**

Itemcode : **MO1211**

Q62 Here are some words translated from an artificial language.
: dionot means oak tree
blyonot means oak leaf
blycrin means maple leaf
Which word could mean "maple syrup"?

(a) blymuth
(b) hupponot
(c) patricrin
(d) crinweel
Key: **C**

Itemcode : **MO1212**

Q63 Following question consists of a related pair of words, followed by five pairs of words. Choose the pair that best
: represents a similar relationship to the one expressed in the original pair of words.

BINDING : BOOK

(a) display : museum
(b) artist : carpenter
(c) nail : hammer
(d) frame : picture
Key: **D**

Itemcode : **MO1213**

Q64 Following question consists of a related pair of words, followed by four pairs of words. Choose the pair that best
: represents a similar relationship to the one expressed in the original pair of words.
SKEIN : YARN

(a) squeeze : lemon
(b) fire : coal
(c) ream : paper
(d) tree : lumber
Key: **C**

Itemcode : **MO1214**

Q65 The logic problems in this set present you with three true statements: Fact 1, Fact 2, and Fact 3. Then, you are given
: three more statements (labeled I, II, and III), and you must determine which of these, if any, is also a fact. One or two
of the statements could be true; all of the statements could be true; or none of the statements could be true. Choose
your answer based solely on the information given in the first three facts.

Fact 1: Robert has four vehicles.

Fact 2: Two of the vehicles are red.

Fact 3: One of the vehicles is a minivan.

If the first three statements are facts, which of the following statements must also be a fact?

I: Robert has a red minivan.

II: Robert has three cars.

III: Robert's favorite color is red.

(a) I only
(b) II only
(c) II and III only
(d) None of the statements is a known fact.
Key: **D**

Passage:
Read the passage below and answer the following questions:

Cyber crime is the branded stigma defacing the culture and magnanimity of computer technology. It is upkeeping the flag with
indomitable triumph against developing computer technology worldwide.

Modern age is striding with marching steps of technology revolution beating the past decade of ancestral belief with ultimate
care. Computer invention has unfolded the mystery of quick access with the objective of minimum manpower and cutting the
time consumption parameters.

As each coin has dual face of its portrait, likewise computer technology is sick of creeping virus. Synthetic manmade dilemma

of site hackers activation is causing setback to the expanding anchor of revolutionary device with great loss of time, economy and data profile as suffered by consumers. A recent report from Internet security firm Websense estimates that 85.6 per cent of all the unwanted e-mails contained links to spam sites. The company's data suggests that the number of malicious sites grew 233 per cent in the last six months and saw 671 per cent growth in the number of malicious sites during the last year. In June alone, the total number of e-mails detected as containing viruses increased by 600 per cent compared to May.

Chat rooms, blogs and message-boards where the users post comments have been identified as the top targets of hackers and spammers due to the high traffic these attract. According to Websense, 95 per cent of user-generated comments to blogs, chat rooms and message-boards during the first half of 2009 were malicious.

It is advisable not to click on spurious links and stay away from keying in passwords at unknown sites as they are most likely to be spammed. Hackers can steal your passwords and log in to your account and access critical information like account numbers and contact details among other things.

Itemcode : **MO1215**

Q66 The above passage is:
:

(a) An advisory for computer users.
(b) An advisory for the Internet users.
(c) A warning against possible threat to the users.
(d) Related to chat rooms, blogs and message boards.
Key: **A**

Itemcode : **MO1216**

Q67 People who use chat rooms and blogs
:

(a) Are safe and have no threats from spam.
(b) Are more prone to malicious e-mails.
(c) Create virus and hack the accounts of others.
(d) Are unsafe.
Key: **D**

Itemcode : **MO1217**

Q68 According to the writer, it is not safe to:
:

(a) Log on to spurious links.
(b) Access one's own account frequently.
(c) Have essential information stored in a computer.
(d) Include data-stealing code
Key: **A**

Itemcode : **MO1218**

Q69 Which word in the passage is Synonym of Weblog?
:

(a) Blog
(b) Password
(c) Site
(d) E-mail
Key: **A**

Itemcode : **MO1219**

Q70 Which agency has assessed the data record with spam sites?
:

(a) Microsoft
(b) Internet security from Google
(c) Websense
(d) Spammers
Key: **C**

Passage:
Read the passage given below and answer the following questions:

It all started twenty-five years ago. I was teaching Economics at a University in Bangladesh. The country was in the middle of a famine. I felt terrible. Here I was, teaching the elegant theories of Economics in the classroom with all the enthusiasm of a brand-new Ph. D. from the United States. But I would walk out of the classroom and see skeletons all around me, people waiting to die.

I felt that whatever I had learned, whatever I was teaching, was all make-believe stories, with no meaning for people's lives. So I started trying to find out how people lived in the village next door to the University campus. I wanted to find out whether there was anything I could do as a human being to delay or stop the death, even for one single person. I abandoned the bird's eye view that lets you see everything from above, from the sky. I assumed a worm's eye view, trying to find whatever comes right in front of you - smell it, touch it, see if you can do something about it.

One particular incident took me in a new direction. I met a woman who was making bamboo stools. After a long discussion, I found out that she made only two U. S. pennies each day. I couldn't believe anybody could work so hard and make such beautiful bamboo stools yet make such a tiny amount of profit. She explained to me that because she didn't have the money to buy the bamboo to make the stools, she had to borrow from the trader- and the trader imposed the condition that she had to sell the product to him alone, at a price that he decided.

And that explains the two pennies- she was virtually in bonded labour to this person. And how much did the bamboo cost? She said, "Oh, about twenty cents. For a very good one twenty-five cents." I thought, "People suffer for twenty cents and there is nothing anyone can do about it?" I debated whether I should give her twenty cents, but then I came up with another idea- let me make a list of people who needed that kind of money. I took a student of mine and we went around the village for several days and came up with a list of forty-two such people. When I added up the total amount they needed, I got the biggest shock of my life: It added up to twenty-seven dollars! I felt ashamed of myself for being part of a society which could not provide even twenty-seven dollars to forty-two hard-working, skilled human beings.

To escape that shame, I took the money out of my pocket and gave it to my student. I said, "You take this money and give it to those forty-two people that we met and tell them this is a loan, but they can pay me back whenever they are able to. In the meantime, they can get a good price. After receiving the money, they were very excited.

Itemcode : **MO1220**

Q71 Which of the following can be inferred about the author?
:

(a) He studied in Bangladesh.
(b) He also belonged to a poor family.
(c) His Ph. D. was on poverty in Bangladesh.
(d) His Ph. D. was in Economics.
Key: **D**

Itemcode : **MO1221**

Q72 The author of the passage seems to have
:

(a) Inspired several people through his lecture to make a living.
(b) Transformed himself into an action-oriented person to eradicate poverty.
(c) Continued his teachings excellently and with a lot of enthusiasm.
(d) Helped his students in their endeavour to eradicate poverty.
Key: **B**

Itemcode : **MO1222**

Q73 Which of the following is MOST OPPOSITE of the word 'Elegant' as used in the passage?
:

(a) Irrelevant
(b) Diluted
(c) Crude
(d) Ignoble
Key: **D**

Itemcode : **MO1223**

Q74 The trader's act to compel the woman to sell the stools only to him can be termed as _____
:

(a) An act of kindness towards the needy woman.
(b) An ethical business strategy to maximise profit.
(c) Sheer exploitation of the hopeless and needy people.
(d) Contributing some help to the famine-stricken victims.
Key: **C**

Itemcode : **MO1224**

Q75 What made the author feel ashamed of himself?
:

(a) He lacked in thorough knowledge of Economics and therefore wanted to study more.
(b) He was ignorant of the fact that even a small help was also going to be significant.
(c) He was a party to the exploitation of the poor by the trader.
(d) He was not in a position to take the culprit trader to task.
Key: **B**