



CBRT - 2020 Question Paper Grid

Government of Goa

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Lecturer(Pedodontics and Preventive Dentistry)

Passage:

Mikhail Gorbachev's ouster, through dramatic in every respect, is on no account a surprise. Both his foes and his closest friends have been warning him of it with a heightening sense of urgency for the past several months. Its consequences, however, are wholly unpredictable. The Soviet Union, could well witness protracted violence on a mass scale should the reformist and republics, those which have sought varying degrees of sovereignty for themselves, choose to defy the central authority. It is possible that the country after an initial period of uncertainty, and perhaps even violence, could revert to the pre-perestroika system. Equally uncertain is the course of East-West relations. These are bound to deteriorate through the extent of deterioration must remain a matter of conjecture. Hailed abroad as a leader who had dared to free Soviet Citizens from fear, who had enabled the countries of Eastern Europe to become democracies even as they regained their full sovereign status, who had paved the way for the reunification of Germany and who had exposed the moribund and totalitarian character of communism, he appeared, at home, to come under fire from all sides.

Itemcode : ON1071

Q1 : Under Gorbachev's term, the Soviet people were

- (a) Afraid to speak
- (b) Indisciplined and lazy
- (c) Committed to Communism
- (d) Not afraid to criticize

Key: **D**

Itemcode : ON1072

Q2 : The relations between the Soviet Union and Western Countries

- (a) are likely to remain unaffected
- (b) may improve considerably
- (c) will definitely get worse
- (d) will fluctuate

Key: **C**

Itemcode : ON1073

Q3 : The post-Gorbachev era may witness

- (a) A more open economy
- (b) reversal of perestroika
- (c) Greater role for reformers
- (d) Sovereignty for Republics

Key: **B**

Itemcode : ON1074

Q4 : As a result of his policies, the countries of Easter Europe became

- (a) Democratic and truly independent
- (b) Authoritarian and inhuman
- (c) United and totalitarian
- (d) Democratic but with a monarchy

Key: **D**

Itemcode : ON1075

Q5 : The removal of Mikhail Gorbachev from power is

- (a) Thrilling and extraordinary
- (b) Dramatic but expected
- (c) Vivid and shocking
- (d) Strange and cruel

Key: **B**

Itemcode : ON1061

Q6 : Which word is the odd man out?

- (a) hate
- (b) fondness
- (c) liking
- (d) Attachment

Key: **A**

Itemcode : **ON1062**

Q7 : REPORT is related to UGSQUV in the same way as LONGER is related to

- (a) OQPIHT
- (b) OQQFGS
- (c) OQQIHT
- (d) QPQHIT

Key: **C**

Itemcode : **ON1063**

Q8 : The following text is followed by four alternative summaries. Choose the option that best captures the essence of the text.

All human rights are indivisible, whether they are civil and political rights, such as the right to life, equality before the law and freedom of expression; economic, social and cultural rights, such as the rights to work, social security and education; or collective rights, such as the rights to development and self-determination, are indivisible, interrelated and interdependent. The improvement of one right facilitates advancement of the others. Likewise, the deprivation of one right adversely affects the others.

- (a) Deprivation of one person's rights adversely affects rights of another person.
- (b) Human rights are a combination of economic, social and cultural rights.
- (c) Human rights are interdependent and interrelated.
- (d) Improvement of one right facilitates advancement of others.

Key: **C**

Itemcode : **ON1064**

Q9 : If the number of students who passed in exactly two subjects was equal to number of students who failed in exactly two subjects, then which of the following could not be a possible number of students who passed in all the three subjects?

- (a) 24
- (b) 20
- (c) 15
- (d) 30

Key: **C**

Itemcode : **ON1065**

Q10 Find out whether the given argument is:

:
 There are hundred marbles in the box
 One of the marbles is red.
 Ninety nine of the marble is blue.
 Therefore, the probability that next marble picked will be blue is 99%.

- (a) Inductive
- (b) Deductive.
- (c) Both
- (d) Cannot say

Key: **B**

Itemcode : **ON1066**

Q11 The below argument is:

:
 Some students are boys.
 Someone is not a student.
 Therefore, someone is not a boy

- (a) Invalid
- (b) valid
- (c) Data is not sufficient
- (d) Inductive

Key: **A**

Itemcode : **ON1067**

Q12 Given a series 31,28,36,26,41,24,46,22,... the next two terms are

:

- (a) 20,44
- (b) 48,20
- (c) 51,20
- (d) 56,22

Key: **C**

Itemcode : **ON1068**

Q13 Find the x in the sequence: 5, 7, 25, 131, x, 8335

:

- (a) 925
- (b) 990
- (c) 1233
- (d) 1325

Key: **A**

Itemcode : **ON1069**

Q14 On weekends, Mr. Sanchez spends many hours working in his vegetable and flower gardens. Mrs. Sanchez spends her free time reading and listening to classical music. Both Mr. Sanchez and Mrs. Sanchez like to cook.

- (a) Sanchez enjoys planting and growing vegetables.
 (b) Sanchez does not like classical music.
 (c) Mrs. Sanchez cooks the vegetables that Mr. Sanchez grows.
 (d) Mrs. Sanchez enjoys reading nineteenth century novels.

Key: **A**

Itemcode : **ON1070**

Q15 Look carefully for the pattern, and then choose which pair of numbers comes next.

: 8 12 9 13 10 14 11

- (a) 14 11
 (b) 15 12
 (c) 8 15
 (d) 15 19

Key: **B**

Itemcode : **ON1051**

Q16 Which state government has decided to launch a scheme called 'Ektu Khelo, Ektu Padho' which means 'Play little, Study little', from June 25, 2020?

- (a) Tripura
 (b) West Bengal
 (c) Sikkim
 (d) Assam

Key: **A**

Itemcode : **ON1052**

Q17 Who invented the internet?

:

- (a) Robert E. Kahn and Vint Cerf
 (b) Philip Diehl
 (c) William Sturgeon
 (d) Frederick Banting

Key: **A**

Itemcode : **ON1053**

Q18 B. C. Roy Award is given in the field of

:

- (a) Music
 (b) Journalism
 (c) Medicine
 (d) Environment

Key: **C**

Itemcode : **ON1054**

Q19 OS' computer abbreviation usually means ?

:

- (a) Order of Significance
 (b) Open Software
 (c) Operating System
 (d) Optical Sensor

Key: **C**

Itemcode : **ON1055**

Q20 Which year is observed as Poverty Eradication Year by SAARC?

:

- (a) 1998
 (b) 1997
 (c) 1996
 (d) 1995

Key: **D**

Itemcode : **ON1056**

Q21 Which of the following dances is a solo dance?

:

- (a) Ottan Thullal
 (b) Kuchipudi
 (c) Yakshagana
 (d) Odissi

Key: **A**

Itemcode : **ON1057**

Q22 Which of the following is not associated with the UNO?

:

- (a) ILO
 (b) WHO
 (c) ASEAN

(d) All of the above

Key: **C**

Itemcode : **ON1058**

Q23 Who was the first Indian to be President of UN General Assembly?

:

- (a) Vijay Lakshmi Pandit
- (b) Ramesh Bhandari
- (c) Natwar Singh
- (d) Krishna Menon

Key: **A**

Itemcode : **ON1059**

Q24 Which of the following is a cultural organisation?

:

- (a) UNESCO
- (b) ILO
- (c) WHO
- (d) FAO

Key: **A**

Itemcode : **ON1060**

Q25 Headquarters of the World Health Organisation is located at

:

- (a) Geneva
- (b) Washington DC
- (c) New York
- (d) Rome

Key: **A**

Itemcode : **ON1001**

Q26 RVG was invented by

:

- (a) Francis Mouyenans
- (b) Crammer
- (c) Levitas
- (d) Arnold Martin

Key: **A**

Itemcode : **ON1002**

Q27 Reflex an infant gives on gentle strike; from lips to cheek by turning head towards the stimulated side and opening mouth

:

- (a) Rooting reflex
- (b) Moro reflex
- (c) Babinski reflex
- (d) Galant reflex

Key: **A**

Itemcode : **ON1003**

Q28 According to Demirijian scale, stage A described as

:

- (a) Beginning of calcification seen at superior level of crypt
- (b) Beginning of calcification seen at inferior level of crypt
- (c) No sign of calcification
- (d) None of the above

Key: **A**

Itemcode : **ON1004**

Q29 Interdental spacing in primary dentition was first described by

:

- (a) Delabarre in 1918
- (b) Crammer in 1973
- (c) Levitas in 1947
- (d) Armfield in 1959

Key: **A**

Itemcode : **ON1005**

Q30 Two clinically distinct forms of autosomal- dominant amelogenesis imperfecta-smooth hypoplastic and local hypoplastic are associated with mutations in

:

- (a) Enamelin (ENAM) 4q21
- (b) Enamelin (ENAM) 3q21
- (c) Amelogenin 4t21
- (d) Amelogenin 3t21

Key: **A**

Itemcode : **ON1006**

Q31 Classification of primary molar relationship is given by

:

- (a) Baume 1950
- (b) Angle 1945
- (c) Black G V 1950
- (d) Baume 1945

Key: **A**

Itemcode : **ON1007**

Q32 Which clinical feature is not a self correcting anomaly in predentate period?

:

- (a) Anterior open bite
- (b) Infantile swallowing pattern
- (c) Retrognathic mandible
- (d) Prognathic mandible

Key: **C**

Itemcode : **ON1008**

Q33 M T A was introduced by

:

- (a) Torabinajed in 2003
- (b) Torabinajed in 2001
- (c) Torabinajed in 2002
- (d) Torabinajed in 2004

Key: **A**

Itemcode : **ON1009**

Q34 Second window of infectivity is present between

:

- (a) 2-4 years
- (b) 6-12 years
- (c) 4-6 years
- (d) 2-6 years

Key: **B**

Itemcode : **ON1010**

Q35 HOME technique was introduced by

:

- (a) Lenchner & Wright in 1975
- (b) Frankel in 1991
- (c) Evangeline Jordan 1920
- (d) Wright in 1975

Key: **C**

Itemcode : **ON1011**

Q36 Rubber dam was introduced by

:

- (a) Ravan in 1864
- (b) Le CADRE IN 1864
- (c) Ostby in 1864
- (d) S C Barnum in 1864.

Key: **D**

Itemcode : **ON1012**

Q37 In G.V Black's cavity preparation, Simon's modification is

:

- (a) Caries lesion involving fissure and incisal edges of teeth
- (b) Caries lesion involving cuspal tips and incisal edges of teeth
- (c) Caries lesion involving proximal surface and incisal edges of teeth
- (d) Caries lesion involving fissure and occlusal surface in primary teeth

Key: **B**

Itemcode : **ON1013**

Q38 According to AAPD first dental visit should be

:

- (a) Within six months birth or before first tooth eruption
- (b) After 3 years of age when all deciduous teeth erupts
- (c) After all permanent dentition erupts
- (d) After the caries occur

Key: **A**

Itemcode : **ON1014**

Q39 Oral habits initially is examined and diagnosed by

:

- (a) Parents
- (b) Orthodontist

- (c) Pedodontists
(d) School teacher
Key: **C**

Itemcode : **ON1015**

Q40 Abnormal oral habit that is obsessive is
:

- (a) Nail biting
(b) Chin propping
(c) Tongue thrusting
(d) Mouth breathing
Key: **A**

Itemcode : **ON1016**

Q41 Fluoride in any form is contraindicated in
:

- (a) Chronic renal failure
(b) Osteoporosis
(c) Hypertension
(d) Thyrotoxicosis
Key: **A**

Itemcode : **ON1017**

Q42 A serious complication of juvenile diabetes
:

- (a) Deafness
(b) Blindness
(c) Motor nerve paralysis
(d) Cystitis
Key: **B**

Itemcode : **ON1018**

Q43 A child suffering from acute leukemia is susceptible to
:

- (a) Dental caries
(b) Oral infections
(c) Development of jaw deformities
(d) All of the above
Key: **B**

Itemcode : **ON1019**

Q44 Following statements about acute leukemia in children is true except
:

- (a) Myelomonocytic variety cause gross gingival swellings
(b) May cause bleeding gums or pallor of mucosa
(c) Is usually of lymphoblastic variety
(d) By slow enlargement of regional lymph nodes
Key: **A**

Itemcode : **ON1020**

Q45 If extraction is to be carried in haemophilus patient, factor VIII
: should be at least

- (a) 25%
(b) 50%
(c) 75%
(d) 100%
Key: **B**

Itemcode : **ON1021**

Q46 Haemophilus patient would lead a normal life if factor VIII level is
:

- (a) 1-5%
(b) 10-15%
(c) 15-25%
(d) Over 25%
Key: **D**

Itemcode : **ON1022**

Q47 Negative reinforcement is
:

- (a) Presenting unpleasant stimuli
(b) Removing unpleasant stimuli
(c) Presenting pleasant stimuli
(d) Removing pleasant stimuli
Key: **B**

Itemcode : **ON1023**

Q48 Among the psychic triad, the executive of personality is :

- (a) Id
- (b) Ego
- (c) Super ego
- (d) Ego ideal

Key: **B**

Itemcode : **ON1024**

Q49 Oedipus and Electra complex are seen in stage of _____ psychosexual theory. :

- (a) Oral stage
- (b) Anal stage
- (c) Phallic stage
- (d) Genital stage

Key: **C**

Itemcode : **ON1025**

Q50 The only high speed bur required for cavity preparation in primary teeth :

- (a) N0. 245 diamond bur
- (b) No. 330 diamond bur
- (c) No. 245 tungsten carbide bur
- (d) No. 330 tungsten carbide bur

Key: **D**

Itemcode : **ON1026**

Q51 Bur used for the placement of retentive grooves in primary teeth :

- (a) No 2
- (b) No 1/2
- (c) No 4
- (d) No.6

Key: **B**

Itemcode : **ON1027**

Q52 Pick the odd one out :

- (a) Helioseal
- (b) Kent sealant
- (c) White sealant
- (d) Prisma shield

Key: **D**

Itemcode : **ON1028**

Q53 Calcium to form the bridge in calcium hydroxide dressing does not come from calcium hydroxide but comes from pulp : was first proposed by

- (a) Stark
- (b) Guthrie
- (c) Zander
- (d) Seltzer and Bender

Key: **C**

Itemcode : **ON1029**

Q54 Carbon dioxide snow has a temperature range of :

- (a) -78 degree to -180 degree Celsius
- (b) - 75 degree to -110 degree Celsius
- (c) -78 degree to -108 degree Celsius
- (d) -4 degree to -12 degree Celsius

Key: **C**

Itemcode : **ON1030**

Q55 Mental nerve block anesthetizes all except:

- (a) Lower lip
- (b) Chin
- (c) Premolars and molars
- (d) Incisors and premolars

Key: **C**

Itemcode : **ON1031**

Q56 Shelf life of HBSS is :

- (a) 3 months
 - (b) 9 months
 - (c) 24 months
 - (d) 26 months
- Key: **D**

Itemcode : **ON1032**

Q57 For a tooth avulsed due to trauma with extraoral time of 1 hr, line of treatment is :

- (a) 2 weeks stabilization, flexible splint, intentional Rct before splinting
- (b) 4 weeks stabilization, flexible splint, intentional Rct before splinting
- (c) 2 weeks stabilization, rigid splint, intentional Rct before splinting
- (d) 4 weeks stabilization, rigid splint, intentional Rct before splinting

Key: **B**

Itemcode : **ON1033**

Q58 Pick the odd out according to the percussion tenderness in luxation injury. :

- (a) Extrusion
- (b) Subluxation
- (c) Concussion
- (d) Lateral luxation

Key: **D**

Itemcode : **ON1034**

Q59 Appliance to improve speech in cleft palate child with velopharyngeal insufficiency :

- (a) Palatal lift prosthesis
- (b) Metal obturator
- (c) Speech bulb obturator
- (d) No appliance required

Key: **C**

Itemcode : **ON1035**

Q60 Pick the odd out based on hydration of normal enamel :

- (a) Hypocalcified enamel
- (b) Inactive caries
- (c) Active caries
- (d) Non cavitated caries

Key: **D**

Itemcode : **ON1036**

Q61 Increase in serum calcium levels without osteolytic lesions are seen in :

- (a) Central giant cell lesion
- (b) Hypophosphatasia
- (c) Hyperparathyroidism
- (d) Such condition is not possible

Key: **B**

Itemcode : **ON1037**

Q62 A tiny spicule of nonviable bone overlying the crown of an erupting permanent molar just before or immediately after the emergence of the tips of the cusps through the oral mucosa is called :

- (a) Eruption Sequestrum
- (b) Eruption Hematoma
- (c) Eruption cyst
- (d) None of the above

Key: **A**

Itemcode : **ON1038**

Q63 According to Garcia-Godoy's classification Class VII represents :

- (a) Concussion
- (b) Root fracture
- (c) Non vital teeth
- (d) None of the above

Key: **A**

Itemcode : **ON1039**

Q64 A Childs behavior problem in the dental office can be handled by familiarization if the cause of the problem is :

- (a) The parents
- (b) Pain
- (c) Emotional

(d) Fear

Key: **D**

Itemcode : **ON1040**

Q65 The psychic model involving the Id, Ego and Superego are the part of :

- (a) Erickson's model
- (b) Piaget's model
- (c) Skinner's model
- (d) None of above models

Key: **D**

Itemcode : **ON1041**

Q66 The cusp of Carrabelle is present in _____ primary teeth :

- (a) Maxillary second molar
- (b) Maxillary first molar
- (c) Maxillary cuspids
- (d) Mandibular cuspids

Key: **A**

Itemcode : **ON1042**

Q67 The proximal walls of class II cavity on deciduous molar :

- (a) Follow directions of enamel rods
- (b) Converge towards occlusal surface
- (c) Diverge towards occlusal surface
- (d) Undermine enamel which is very thin

Key: **B**

Itemcode : **ON1043**

Q68 Primary teeth of a 4 year old child are grey in colour and exhibit extensive occlusal and incisal wear. Radiographic examination indicates secondary dentin deposition. The condition may be:

- (a) Amelogenesis imperfecta
- (b) Dentinogenesis imperfecta
- (c) Porphyria
- (d) Cleidocranial dysostosis

Key: **B**

Itemcode : **ON1044**

Q69 A 9 year old child has a petit mal seizure during dental treatment. The proper course of management is :

- (a) Administer oxygen
- (b) Inject barbiturate
- (c) Inject diazepam
- (d) Watch until episode passes away

Key: **D**

Itemcode : **ON1045**

Q70 In a child, a combination of malnutrition, steatorrhea, chronic respiratory infection, thyroid deficiency, a great salt loss through the skin and functional disturbances in secretory mechanisms of various glands is indicative of

- (a) Cystic fibrosis
- (b) Starch intolerance
- (c) Pierre Robin syndrome
- (d) Immune deficiency syndrome

Key: **A**

Itemcode : **ON1046**

Q71 Two most common classifications for cerebral palsy are :

- (a) Etiological and therapeutic
- (b) Etiologic and physiologic
- (c) Physiologic and topographic
- (d) Topographic and therapeutic

Key: **C**

Itemcode : **ON1047**

Q72 Which year did WHO start medical services for handicapped children :

- (a) 1971
- (b) 1981
- (c) 1991
- (d) 2001

Key: **B**

Itemcode : **ON1048**

Q73 Oral habit definition based on muscular contraction is given by
:

- (a) Dorland 1957
 - (b) Battersworth 1961
 - (c) Mathewson 1982
 - (d) James 1923
- Key: **C**

Itemcode : **ON1049**

Q74 Normal thumb sucking is considered till the age of
:

- (a) Three year age
 - (b) Two years age
 - (c) There is no concept of normal thumb sucking
 - (d) None of the above
- Key: **B**

Itemcode : **ON1050**

Q75 Signs & Symptoms of acute asthma are,
:

- (a) Vomiting
 - (b) Tachypnea
 - (c) Headache
 - (d) Low blood pressure
- Key: **B**