



CBRT - 2020 Question Paper Grid

Government of Goa

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Lecturer(Conservative Dentistry and Endodontics)

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 : TI1071

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 : TI1072

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 : TI1073

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 : TI1074

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 : TI1075

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 : TI1061

Q6 : Which word is the odd man out?

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

Key: **A**

Itemcode : TI1062

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 : TI1063

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 : TI1064

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 : TI1065

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 : TI1066

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 : TI1067

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 : TI1068

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

:

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

Key: **A**

Itemcode : TI1069

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 : **TI1070**

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 : **TI1051**

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 : **TI1052**

Q17 Who invented the internet?

:

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

Key: **A**

Itemcode : **TI1053**

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

:

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

Key: **C**

Itemcode : **TI1054**

Q19 OS' computer abbreviation usually means ?

:

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

Key: **C**

Itemcode : **TI1055**

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

:

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

Key: **D**

Itemcode : **TI1056**

Q21 Which of the following dances is a solo dance?

:

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

Key: **A**

Itemcode : **TI1057**

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 : **TI1058**

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 : **TI1059**

Q24 Which of the following is a cultural organisation?

:

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

Key: **A**

Itemcode : **TI1060**

Q25 Headquarters of the World Health Organisation is located at

:

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

Key: **A**

Itemcode : **TI1001**

Q26 Newer light cured composites are more resistant to color change because of presence of

:

- (a) UV absorbers
- (b) Antioxidants
- (c) Both a & b
- (d) Camphoroquinine

Key: **C**

Itemcode : **TI1002**

Q27 If caries cone in enamel is larger than the caries in dentin. It is called as

:

- (a) Backward caries
- (b) Recurrent caries
- (c) Arrested caries
- (d) Forward caries

Key: **D**

Itemcode : **TI1003**

Q28 Portion of principal fibers embedded in cementum are

:

- (a) Transseptal fiber
- (b) Horizontal fiber
- (c) Sharpey's fiber
- (d) Oblique fiber

Key: **C**

Itemcode : **TI1004**

Q29 "Flash" refers to

:

- (a) Photo polymerization of composites
- (b) Thin layer of composite used to select the shade
- (c) Thin layer of amalgam on unprepared surface
- (d) A click and light emerging from camera

Key: **C**

Itemcode : **TI1005**

Q30 Cookie cutting is used with reference to

:

- (a) Instrument used to carry composite
- (b) Loading of self cure composite into syringe
- (c) Cutting of wedge for composite restoration
- (d) Cutting of matrix for proper placement of composite

Key: **B**

Itemcode : **TI1006**

Q31 "Universal caries eradication depends on the availability of

:

- (a) A good dentist
- (b) A good patient
- (c) Public health service support for program
- (d) Caries free diet.

Key: **C**

Itemcode : **TI1007**

Q32 Root caries is alarming because

:

- (a) It is near to apex
- (b) It is not seen
- (c) It is symptomatic
- (d) It has rapid progression

Key: **D**

Itemcode : **TI1008**

Q33 The energy output from the plaque is largest in

:

- (a) Production of metabolites
- (b) Viable cells
- (c) Extracellular polysaccharides
- (d) Metabolic processes of organism

Key: **A**

Itemcode : **TI1009**

Q34 The amalgamator has been designed to oscillate in

:

- (a) Circular motion
- (b) Vertical motion
- (c) Figure eight motion
- (d) Longitudinal motion

Key: **C**

Itemcode : **TI1010**

Q35 Bond strength for superficial dentin is

:

- (a) Greater than that in deep dentin
- (b) Less than that in deep dentin
- (c) Is same as that in deep dentin
- (d) As that in enamel

Key: **A**

Itemcode : **TI1011**

Q36 Which of the following is incorrect regarding Diagnodent

:

- (a) Aid for questionable diagnosis
- (b) Indicates preventive interventions
- (c) Monitors suspicious area
- (d) Is a primary diagnostic method

Key: **D**

Itemcode : **TI1012**

Q37 Advantages of synthetic scaffold polylactic and polyglycolic acid is

:

- (a) Naturally derive
- (b) Biologically resorbable
- (c) Biologically non resorbable
- (d) Nonbiodegradable

Key: **B**

Itemcode : **TI1013**

Q38 The test to check performance of ultrasonic devices is

:

- (a) Spore test
- (b) Foil test
- (c) Chemical strip test
- (d) Documentation note book

Key: **B**

Itemcode : **TI1014**

Q39 For effective bonding, the dentin surface should be

:

- (a) Glistening hydrated
- (b) dry

- (c) pooled moisture on dentin surface
(d) dried and glistening
Key: **A**

Itemcode : **TI1015**

Q40 Electric motor was incorporated into a dental unit in
:

- (a) 1914
(b) 1871
(c) 1946
(d) 1941

Key: **A**

Itemcode : **TI1016**

Q41 The basic preparation design for full veneers is
:

- (a) Window preparation
(b) slot preparation
(c) box preparation
(d) surface preparation

Key: **A**

Itemcode : **TI1017**

Q42 Diameter of 245 number bur is
:

- (a) 3mm
(b) 1.8mm
(c) 2 mm
(d) 0.8mm

Key: **D**

Itemcode : **TI1018**

Q43 Non - carious fissure preparation and restoration was advocated by
:

- (a) G.V. Black
(b) Hyatt
(c) W.D. Miller
(d) Palmer

Key: **B**

Itemcode : **TI1019**

Q44 The potential hearing damage with compressed air powered rotary equipment is related to
:

- (a) Noise intensity
(b) Length of exposure
(c) Frequency component of noise
(d) ALL

Key: **D**

Itemcode : **TI1020**

Q45 Slice preparation which wraps partially around proximal line angles and supports the weakened tooth tissue is
:

- (a) Full slice preparation
(b) tapered slice preparation
(c) Auxillary slice preparation
(d) modified slice preparation

Key: **C**

Itemcode : **TI1021**

Q46 'Occlusion' in dentistry means
:

- (a) Contacting
(b) Closing
(c) Touching
(d) Relation

Key: **B**

Itemcode : **TI1022**

Q47 Predominant species present on non carious teeth is
:

- (a) Lactobacillus
(b) Streptococcus mitis
(c) Streptococcus salivarius
(d) Streptococcus sanguis

Key: **D**

Itemcode : **TI1023**

Q48 Air pressure for air abrasion technique is
:

- (a) 20-55 psi
- (b) 20-55 MPa
- (c) 2 lakh rpm
- (d) 1.5 lakh rpm

Key: **A**

Itemcode : **TI1024**

Q49 The bevel on the enamel margin is given by
:

- (a) donut bur
- (b) Round carbide bur
- (c) Flame shaped bur
- (d) Inverted cone bur

Key: **C**

Itemcode : **TI1025**

Q50 Creating illusion in width : A tooth can be made to appear narrower during restoration by
:

- (a) Positioning mesial and distal line angles closer
- (b) Positioning mesial and distal line angles farther
- (c) Cannot be created
- (d) Farther placement of developmental depression

Key: **A**

Itemcode : **TI1026**

Q51 Amalgam was introduced in united states in
:

- (a) 1830's
- (b) 1930's
- (c) 1880's
- (d) 1860's

Key: **A**

Itemcode : **TI1027**

Q52 Barton matrix system is used for
:

- (a) Occluso-lingual restoration
- (b) MOD restoration
- (c) Class IV restoration
- (d) Class V restoration

Key: **A**

Itemcode : **TI1028**

Q53 Slots in amalgam restoration refers to
:

- (a) Retention groove whose length is in horizontal plane
- (b) Retention groove whose length is in vertical plane
- (c) coves
- (d) preparation for placement of pins

Key: **A**

Itemcode : **TI1029**

Q54 Identify the false statement
: Secondary retention features are incorporated for composite restorations in case of

- (a) Increased amount of missing tooth structure
- (b) Decreased amount of tooth structure for bonding
- (c) Increased concern for retaining composite in tooth
- (d) Composite does not require secondary retention feature

Key: **D**

Itemcode : **TI1030**

Q55 Working length in case of the both bone and root resorption should terminate at
:

- (a) 1 mm from apex
- (b) 0.5 mm from apex
- (c) 1.5 mm from apex
- (d) 2 mm from apex

Key: **D**

Itemcode : **TI1031**

Q56 'T' in esthetics stands for
:

- (a) Truthful
 - (b) Tooth
 - (c) Thought
 - (d) Treatment
- Key: **A**

Itemcode : **TI1032**

Q57 Diagnostic use of transillumination was reported by
:

- (a) Cameron
 - (b) Anderson
 - (c) Martin
 - (d) Kennedy
- Key: **A**

Itemcode : **TI1033**

Q58 'ALARA' stands for
:

- (a) As least as reasonably achievable
 - (b) As least as radiographically achievable
 - (c) As low as radiographically achievable
 - (d) As low as reasonably achievable
- Key: **D**

Itemcode : **TI1034**

Q59 Resistance based electronic apex locators use current up to
:

- (a) 6.5 Ohms
 - (b) 6.5 KOhms
 - (c) 10 KOhms
 - (d) 10 Ohms
- Key: **B**

Itemcode : **TI1035**

Q60 Category II in 'C' shaped canals is
:

- (a) Continuous c-shaped without separation
 - (b) 2 or more discrete and separate canals
 - (c) Semicolon shaped canal
 - (d) Non continuous C-shaped canal without any separation
- Key: **C**

Itemcode : **TI1036**

Q61 Luebke -Ochsenbein flap is also called as
:

- (a) Sub marginal curved flap
 - (b) Submarginal scalloped rectangular flap
 - (c) Papilla base flap
 - (d) Trapezoidal flap
- Key: **B**

Itemcode : **TI1037**

Q62 The length of the post should be
:

- (a) longer than the crown
 - (b) 2/3rd of root length
 - (c) half way between crestal bone and root apex
 - (d) All
- Key: **D**

Itemcode : **TI1038**

Q63 Non instrumentation technique was introduced by
:

- (a) Lucci
 - (b) Weine
 - (c) Marashing
 - (d) Dederich
- Key: **A**

Itemcode : **TI1039**

Q64 Local anesthesia are not effective in acutely inflamed tissue because
:

- (a) Patient cannot withstand pain
- (b) pH of inflamed area is alkaline
- (c) pH of inflamed area is acidic

(d) Tissue at the region is swollen

Key: **C**

Itemcode : **TI1040**

Q65 Sodium hypochlorite is a

:

- (a) Reducing agent
- (b) Oxidizing agent
- (c) Chelating agent
- (d) None

Key: **A**

Itemcode : **TI1041**

Q66 Maximum bleaching effect is attained within

:

- (a) 24 hours after treatment
- (b) 3 days after treatment
- (c) 7 days after treatment
- (d) 14 days after treatment

Key: **A**

Itemcode : **TI1042**

Q67 Sonic handpiece operates at

:

- (a) 1000- 5000 cycles / min
- (b) 6500-15000 cycles / min
- (c) 1500-6500 cycles / min
- (d) 250-1000 cycles / min

Key: **C**

Itemcode : **TI1043**

Q68 Success in negotiating a narrow curved canal is good when

:

- (a) Size of the root canal is large and degree of curvature is less
- (b) Size of the root canal is small and degree of curvature is more
- (c) Size of the root canal is large and degree of curvature is more
- (d) Size of the root canal is small and degree of curvature is less

Key: **A**

Itemcode : **TI1044**

Q69 Barodontalgia refers to

:

- (a) Tooth ache occurring at low atmospheric pressure
- (b) Tooth ache occurring at high atmospheric pressure
- (c) Tooth ache occurring at high blood pressure
- (d) Tooth ache occurring at low blood pressure

Key: **A**

Itemcode : **TI1045**

Q70 Guidelines regarding the Endodontic treatment initiation after replantation in a tooth with open apex suggests

:

- (a) Treatment to be initiated after 7- 14 days
- (b) Treatment to be initiated after 30 days
- (c) Treatment to be initiated after 1 year
- (d) Monitor for revitalization of pulp for every 2 weeks

Key: **D**

Itemcode : **TI1046**

Q71 Acute periodontal abscess is also called as

:

- (a) Gingival abscess
- (b) Periapical abscess
- (c) Alveolar abscess
- (d) Parietal Abscess

Key: **D**

Itemcode : **TI1047**

Q72 Traditional file has

:

- (a) Triangular blank
- (b) Square blank
- (c) Rhomboidal blank
- (d) Diamond shaped blank

Key: **B**

Itemcode : **TI1048**

Q73 Factors that predispose the tooth to counteract disinfection are
:

- (a) Dead space
 - (b) complete removal of devitalized tissue
 - (c) Tooth relieved out of occlusion
 - (d) dry canal
- Key: **A**

Itemcode : **TI1049**

Q74 Discoloration resulting from pulpal trauma is due to
:

- (a) Heme and globulin
 - (b) Heme and iron
 - (c) Iron and globulin
 - (d) Hematin and Hemosiderin
- Key: **D**

Itemcode : **TI1050**

Q75 Anechoic note in ultrasonic imaging is heard in
:

- (a) Fluid filled areas
 - (b) Bone
 - (c) Different tissues when present
 - (d) No such note is present
- Key: **A**