



## CBRT - 2020 Question Paper Grid

Government of Goa

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[Menu](#)

**Set Name**

**Subjects**

**Display**

### Lecturer(Prosthodontics and Crown and Bridge)

**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 : RO1071**

**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 : RO1072**

**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 : RO1073**

**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 : RO1074**

**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 : RO1075**

**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 : RO1061**

**Q6 :** Which word is the odd man out?

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

Key: **A**

Itemcode : **RO1062**

**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 : **RO1063**

**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 : **RO1064**

**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 : **RO1065**

**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 : **RO1066**

**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 : **RO1067**

**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 : **RO1068**

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

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

Key: **A**

Itemcode : **RO1069**

**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 : **RO1070**

**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 : **RO1051**

**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 : **RO1052**

**Q17** Who invented the internet?  
:

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

Key: **A**

Itemcode : **RO1053**

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

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

Key: **C**

Itemcode : **RO1054**

**Q19** OS' computer abbreviation usually means ?  
:

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

Key: **C**

Itemcode : **RO1055**

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

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

Key: **D**

Itemcode : **RO1056**

**Q21** Which of the following dances is a solo dance?  
:

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

Key: **A**

Itemcode : **RO1057**

**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 : **RO1058**

**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 : **RO1059**

**Q24** Which of the following is a cultural organisation?

:

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

Key: **A**

Itemcode : **RO1060**

**Q25** Headquarters of the World Health Organisation is located at

:

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

Key: **A**

Itemcode : **RO1001**

**Q26** Lanolin is added in zinc oxide eugenol paste to

:

- (a) Increase the flow
- (b) Decrease the flow
- (c) Decrease the irritation due to eugenol
- (d) Accelerates the reaction

Key: **A**

Itemcode : **RO1002**

**Q27** Major connectors of a maxillary Removable partial denture may be beaded to

:

- (a) Produce a stronger framework
- (b) Produce positive contact with the tissue
- (c) Hold acrylic resin to the metal
- (d) Aid in retention of Removable partial denture

Key: **B**

Itemcode : **RO1003**

**Q28** Antes law helps in

:

- (a) Selection of pontic
- (b) Selection of retainer
- (c) Selection of connector
- (d) Selection of abutment

Key: **D**

Itemcode : **RO1004**

**Q29** If a patient reported with periodontally compromised canine on one side, which occlusal scheme is best to follow

:

- (a) Group function
- (b) Canine guided
- (c) Bilaterally balanced
- (d) Mutually protected

Key: **A**

Itemcode : **RO1005**

**Q30** After insertion of immediate denture the patient must not remove the denture during the first

:

- (a) 12 hours
- (b) 24 hours
- (c) 36 hours
- (d) 48 hours

Key: **D**

Itemcode : **RO1006**

**Q31** While making impression of flabby fibrous tissue on maxillary ridge for complete denture, care is taken to :

- (a) Use a close fitting tray
- (b) Use a tray with spacer
- (c) Not maintain intimate contact with tissues
- (d) Following normal procedures

Key: **B**

Itemcode : **RO1007**

**Q32** Which of the following material is not used for the fabrication of maxillofacial prosthesis?

- (a) Silicone rubber
- (b) Acrylic resins
- (c) Vinyl chloride polymers
- (d) Fiber reinforced composite

Key: **D**

Itemcode : **RO1008**

**Q33** The Tempromandibular joint is also known as :

- (a) Arthrodiar joint
- (b) Ginglymoid joint
- (c) Ginglymoarthrodial joint
- (d) None of the above

Key: **C**

Itemcode : **RO1009**

**Q34** Denture stomatitis is commonly caused by :

- (a) Streptococcus
- (b) Staphylococcus
- (c) Cryptococcus
- (d) Candida

Key: **D**

Itemcode : **RO1010**

**Q35** The advantage of ZOE impression paste is :

- (a) Easy manipulation
- (b) Does not require special trays
- (c) Has dimensional stability
- (d) Does not adhere to tissues

Key: **C**

Itemcode : **RO1011**

**Q36** The following is NOT done during pre-prosthetic mouth preparation :

- (a) Increase in denture bearing area
- (b) Soft tissue removal
- (c) Removal of bony undercut
- (d) Psychological preparation of patient

Key: **D**

Itemcode : **RO1012**

**Q37** When preparing an anterior 3/4th crown the proximal retention grooves are placed :

- (a) Parallel to the middle and incisal thirds
- (b) Parallel to the middle and cervical thirds
- (c) Parallel to the incisal middle cervical thirds
- (d) Parallel to long axis of tooth

Key: **A**

Itemcode : **RO1013**

**Q38** Which of the following is the best denture patient? :

- (a) Skeptical
- (b) Critical
- (c) Philosophical
- (d) Indifferent

Key: **C**

Itemcode : **RO1014**

**Q39** The function of 2% potassium sulphate in a gypsum product is :

- (a) To act as retarder
- (b) Regulate the setting time

- (c) To regulate the setting expansion  
 (d) None of the above

Key: **B**

Itemcode : **RO1015**

**Q40** A patient with poor neuromuscular control presents with occlusal prematurities. Occlusion can be corrected by :

- (a) No need to establish the correct occlusion  
 (b) Direct method  
 (c) Take interocclusal record and correct on articulators  
 (d) Patient is asked to bite on carborundum paste

Key: **C**

Itemcode : **RO1016**

**Q41** The most important reason for retaining healthy roots and prescribing an over-denture rather than extractions and a conventional complete denture is

- (a) To preserve the alveolar bone  
 (b) The apparent ease with which the patient adapts to an over denture  
 (c) An over denture is easy to construct rather than a complete denture  
 (d) To retain some degree of proprioception from the healthy periodontal ligament of the roots

Key: **A**

Itemcode : **RO1017**

**Q42** All the following muscles help in elevation of mandible EXCEPT :

- (a) Masseter muscle  
 (b) Medial pterygoid muscle  
 (c) Superior lateral pterygoid muscle  
 (d) Inferior lateral pterygoid muscle

Key: **D**

Itemcode : **RO1018**

**Q43** INDIRECT RETAINERS in bilateral distal extension base Removable partial denture are based on :

- (a) Class I lever principle  
 (b) Class II lever principle  
 (c) Class III lever principle  
 (d) Combination of more than one of the above

Key: **B**

Itemcode : **RO1019**

**Q44** Dehydration is the common concern in elderly edentulous patient because of :

- (a) Reduced ability to sense thirst  
 (b) Vitamin deficiency  
 (c) Osteopenia  
 (d) Poor absorption of fluids

Key: **A**

Itemcode : **RO1020**

**Q45** Which of the following best describes the working time of impression material? :

- (a) After the start of appearing elastic properties of impression material  
 (b) Just after the start of appearing elastic properties of impression material  
 (c) Loss of luster of impression material  
 (d) The time from start of mixing till just before the start of appearing elastic properties of impression material

Key: **D**

Itemcode : **RO1021**

**Q46** In patients requiring a lingual frenectomy :

- (a) The denture should not be made  
 (b) The denture should be made before the surgery is performed  
 (c) The denture should be made immediately after the surgery is performed  
 (d) The denture should be made after six months of surgery

Key: **B**

Itemcode : **RO1022**

**Q47** Palatopharyngeal incompetence is treated by :

- (a) Pharyngeal speech prosthesis  
 (b) Palatal lift prosthesis  
 (c) Pharyngeal bulb prosthesis  
 (d) Obturator prosthesis

Key: **B**

Itemcode : **RO1023**

**Q48** Tempromandibular joint has all the following tissues except  
:

- (a) Hyaline cartilage
- (b) Fibrous tissue
- (c) Connective tissue
- (d) Articular disk

Key: **A**

Itemcode : **RO1024**

**Q49** In construction of immediate denture, anterior teeth are extracted  
:

- (a) In first appointment
- (b) Before construction of denture
- (c) After denture construction
- (d) After posterior teeth

Key: **C**

Itemcode : **RO1025**

**Q50** Which pontic design is indicated for fixed bridge in the mandibular posterior region?  
:

- (a) Ridge lap
- (b) Modified ridge lap
- (c) Conical
- (d) Spheroidal

Key: **D**

Itemcode : **RO1026**

**Q51** Lowest cytotoxicity is seen with  
:

- (a) Polysulfide
- (b) Condensation silicones
- (c) Addition silicones
- (d) Polyether

Key: **A**

Itemcode : **RO1027**

**Q52** Balancing side contacts in natural teeth  
:

- (a) Provides balanced occlusion
- (b) Improves muscle balance
- (c) Direct the forces to the long axis of the tooth
- (d) Destroys the PDL

Key: **D**

Itemcode : **RO1028**

**Q53** The minimum distance at which an implant should be placed away from the adjacent tooth  
:

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

Key: **C**

Itemcode : **RO1029**

**Q54** Why Oral examination of an edentulous patient should include digital palpation?  
:

- (a) The arch form is more accurately evaluated
- (b) Undercut areas maybe better evaluated
- (c) The ridge relation maybe better evaluated
- (d) None of the above

Key: **B**

Itemcode : **RO1030**

**Q55** Which of the following should be treated by using a tissue conditioner material?  
:

- (a) Generalized ridge hyperplasia
- (b) Sharp residual ridge in molar area
- (c) Tissue symptoms related to diabetes mellitus
- (d) Traumatized mucosa caused by ill-fitting dentures

Key: **D**

Itemcode : **RO1031**

**Q56** The clasp of choice to be used in a Kennedy class I case for the distal abutment teeth is  
:

- (a) Bar clasp with mesial undercuts
- (b) Back action clasp with distal rest
- (c) Circumferential clasp
- (d) Combination clasp

Key: **D**

Itemcode : **RO1032**

**Q57** Which of the following is a highly innervated tissue?

:

- (a) Retrodiscal tissue
- (b) Articular disc
- (c) Articular eminence
- (d) None of the above

Key: **A**

Itemcode : **RO1033**

**Q58** Cross section form and dimension of lingual bar major connector is

:

- (a) 6 gauge half pear shape
- (b) 4 gauge full pear shape
- (c) 6 gauge round shape
- (d) 4 gauge flat

Key: **A**

Itemcode : **RO1034**

**Q59** Shrink free ceramic is known as

:

- (a) Cerestore
- (b) IPS Empress
- (c) Captek
- (d) Dicor

Key: **A**

Itemcode : **RO1035**

**Q60** Lost salt technique is seen in

:

- (a) Virginia bridge
- (b) Maryland bridge
- (c) Cantilever bridge
- (d) Rochette bridge

Key: **A**

Itemcode : **RO1036**

**Q61** Alginates are made dust free by adding

:

- (a) Glycerol
- (b) Glutamic acid
- (c) Alcohol
- (d) Glycol

Key: **D**

Itemcode : **RO1037**

**Q62** The process of achieving limited removal of epithelial tissue in the sulcus while creating chamfer finish margin is called

:

- (a) Rotary curettage
- (b) Periodontal curettage
- (c) Electrosurgery
- (d) Mechanico surgical gingival retraction

Key: **A**

Itemcode : **RO1038**

**Q63** One of the major disadvantages of immediate denture treatment is

:

- (a) Need for relines
- (b) Difficulty in managing occlusions
- (c) Pain associated with treatment
- (d) No control over tooth placement and shape

Key: **A**

Itemcode : **RO1039**

**Q64** How the lingual extension of the mandibular impression should be tested

:

- (a) By functional movements of the tongue
- (b) By vigorous extreme movements of the tongue
- (c) By lateral and protrusive movements of the mandible

(d) By functional movements of the facial muscle

Key: **A**

Itemcode : **RO1040**

**Q65** On opening the head of the condyle articulates with :

- (a) anterior slope
- (b) superior vault
- (c) posterior slope
- (d) Posterior most slope

Key: **A**

Itemcode : **RO1041**

**Q66** Frequency curve or probability curve resembles :

- (a) Curve of Monsoon
- (b) Curve of Spee
- (c) Curve of Wilson
- (d) Antimonsoon curve

Key: **D**

Itemcode : **RO1042**

**Q67** Which of the following is an example of push back type clasp :

- (a) Circumferential clasp
- (b) Ring clasp
- (c) Bar clasp
- (d) Embrasure clasp

Key: **C**

Itemcode : **RO1043**

**Q68** Quartz is added to gypsum bonded investment to :

- (a) Increase the hygroscopic expansion
- (b) Increase the shelf life of investment
- (c) Increase the strength
- (d) Counter balance contraction of gypsum during heating

Key: **C**

Itemcode : **RO1044**

**Q69** Which of the following bur is used for developing chamfer margins? :

- (a) Flat ended, tapered diamond cylinder
- (b) Round ended tapered diamond cylinder
- (c) Twelve fluted carbide bur
- (d) End cutting burs

Key: **B**

Itemcode : **RO1045**

**Q70** Which of the following is not a surgical procedure? :

- (a) Excision of Tori
- (b) Removal of papillary hyperplasia
- (c) Removal of soft tissue interferences
- (d) Treatment of epulis fissuratum

Key: **C**

Itemcode : **RO1046**

**Q71** Which is a morphological characteristic of edentulous patient? :

- (a) Increase in horizontal labial angle
- (b) Increase in columella philtrum angle
- (c) Retrognathic appearance
- (d) Obliteration of nasolabial grooves

Key: **B**

Itemcode : **RO1047**

**Q72** All mandibular motion is either rotation or :

- (a) Trans motion
- (b) Transportation
- (c) Translation
- (d) Trans-subduction

Key: **C**

Itemcode : **RO1048**

**Q73** Ridge soreness in denture patients may be associated with  
:

- (a) Overextension
- (b) Malocclusion
- (c) Lack of retention
- (d) Gagging

Key: **A**

Itemcode : **RO1049**

**Q74** Ear prosthesis and ocular prosthesis is made from  
:

- (a) Methyl methacrylate
- (b) Metallic implants
- (c) Silicone
- (d) Epoxy resin

Key: **C**

Itemcode : **RO1050**

**Q75** Minor modifications done in the existing tooth contours to improve a smile is termed  
:

- (a) Smile contouring
- (b) Cosmetic contouring
- (c) Micro dentistry
- (d) Enamel reshaping

Key: **B**