



CBRT - 2020 Question Paper Grid

Government of Goa

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Subjects

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Tutor in the Institution of Nursing

Passage:

In 1476, William Caxton introduced printing press in England. As a result books became cheaper and accessible. This increased the levels of literacy in England. Also publishing books for masses developed into a very profitable enterprise and made available texts written in English for the first time. This meant that the English could now read something written in their language as opposed to Latin. The printing press contributed greatly to the standardization of English. The dialects of English that were spoken in the areas where the printing houses were located were widely publish and as a result became the English with spellings and grammar becoming fixed. As a result the first English dictionary was published in 1604.

Itemcode : TN1071

Q1 : Books were written for the first time in English because

- (a) English was standardized and books were cheaper
- (b) of cheaper mass production of books
- (c) of wider literacy with easy access to books
- (d) English was opposed to Latin

Key: **C**

Itemcode : TN1072

Q2 : The standardisation of English was facilitated due to the

- (a) proliferation of the printing press in England
- (b) role of the dialects in the areas of printing houses
- (c) wider exposure given to some dialects of English
- (d) fixation of spelling and grammar through printing

Key: **D**

Itemcode : TN1073

Q3 : What is the term used in the passage to denote orthography

- (a) grammar
- (b) standardization
- (c) spelling
- (d) literacy

Key: **C**

Itemcode : TN1074

Q4 : A dialect may be explained as the variety of a language specific to

- (a) the common rules of grammar
- (b) the illiterate speakers of a language
- (c) the speech of the elite strata of society
- (d) a particular region or a social group

Key: **D**

Itemcode : TN1075

Q5 : Find a term in the passage that describes a notion that is is farthest in meaning to a dictionary

- (a) lexicon
- (b) thesaurus
- (c) vocabulary
- (d) diction

Key: **D**

Itemcode : TN1051

Q6 : Which of the following groups of terms is in the order of increasing extension?

- (a) Poodle, toy poodle, mammal, dog.
- (b) Toy poodle, poodle, dog, mammal.
- (c) Mammal, dog, poodle, toy poodle.
- (d) Toy poodle, dog, mammal, poodle.

Key: **B**

Itemcode : TN1052

Q7 : The following argument is INVALID , if :
It is not the case that (Raju and Smitha are sincere)

If (Raju is not sincere and Smitha is not sincere) then (Mini and Nisha are sincere).

If Nisha is sincere then Mini is sincere.

Therefore, Mini is sincere.

i) P is true, Q is false, R is false, S is false,

ii) P is false, Q is true, R is false, S is false.

iii) P is true, Q is true, R is true, S is false.

iv) P is false, Q is false, R is false, S is true.

- (a) Only i & ii follow
 (b) Only iii & iv follow
 (c) Only ii & iii follow
 (d) Only i & iv follow

Key: **A**

Itemcode : **TN1053**

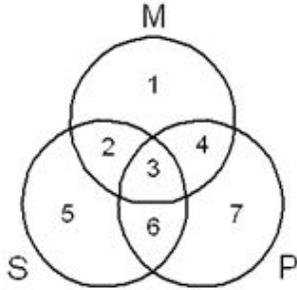
Q8 :

Given the following argument:

All M are P.

Some M are S.

∴ Some S are not P.



- (a) Areas 1 and 2 are shaded, and there is an X in area 3.
 (b) Areas 3 and 4 are shaded, and there is an X in area 2.
 (c) Areas 1 and 2 are shaded, and there is an X on the line between areas 3 and 4.
 (d) Areas 6 and 7 are shaded, and there is an X on the line between areas 2 and 3.

Key: **A**

Itemcode : **TN1054**

Q9 : The mean price of new cars in Heavenly Hills is 38,563 dollars; in Cargo the mean price is only 23,769 dollars.

Therefore, if you are in the market for a new car, you are likely to get a better deal on it in Cargo.

Which of the following best describes the flaw in the author's reasoning?

- (a) The author's conclusion is based on a comparison that does not necessarily involve comparable things.
 (b) The author assumes that the number of cars sold in Heavenly Hills is the same as the number sold in Cargo.
 (c) The author has confused the mean average price with the median average price.
 (d) The author assumes that new cars in Cargo are less expensive than new cars in Heavenly Hills.

Key: **A**

Itemcode : **TN1055**

Q10 Identify an argument that involves a reasoning process similar to that of a given argument.

: Card games requiring more than one player, such as poker and bridge, employ strategies aimed at out-witting the opponent; however, card games that are played alone, such as games of solitaire, do not. Hence, strategies that aim at outwitting an opponent are not an essential feature of all card games.

Which of the following most closely parallels the reasoning in the above passage?

- (a) Games of chance, such as roulette and craps, employ odds that are detrimental to the player, but favorable to the house. Since these are the only kinds of games that are found in gambling casinos, having odds that favor the house is an essential feature of all games played in gambling casinos.
 (b) Most aircraft have wings, but others, such as helicopters, do not. Hence, having wings is not an essential property of all aircraft.
 (c) Chez Bon's most celebrated features are its great food and extensive wine list. But, since these are features of many other fine restaurants as well, they are not the only features which define the essence of this outstanding restaurant.
 (d) It has been reliably reported that deer occasionally eat meat, but if deer were not primarily vegetarians they would have much different shaped teeth than they do. Hence, being a vegetarian is an essential feature of being a deer.

Key: **B**

Itemcode : **TN1056**

Q11 There are five buildings called V, W, X, Y and Z in a row (not necessarily in that order). V is to the West of W, Z is to the East of X and the West of V, W is to the West of Y. Which is the building in the middle?

- (a) V
 (b) W
 (c) X
 (d) Y

Key: **A**

Itemcode : **TN1057**

Q12 A test has twenty questions worth 100 marks in total. There are two types of questions. Multiple choice questions are worth 3 marks each and essay questions are worth 11 marks each. How many multiple choice questions does the exam have?

- (a) 12
 (b) 15
 (c) 18

(d) 19

Key: **B****Itemcode : TN1058**

Q13 The given text is followed by four alternate summaries. Choose the option that best captures the essence of the text.
: The Thai holiday island of Phuket has been plunged into a poisonous grey haze caused by illegal forest fires in neighbouring Indonesia. Reduced visibility caused passenger planes from Singapore and Kuala Lumpur, and destined for Phuket airport to turn around on Thursday. The noxious fumes which have been spreading for weeks have shut down many other parts of south-east Asia. Schools have been closed in Malaysia and races in Singapore for the swimming world cup - the FINA world championship - were cancelled on Saturday. A marathon in Malaysia on Sunday was also abandoned.

- (a) Illegal fires have resulted in poisonous smoke spreading through the neighbouring countries of Indonesia.
 (b) A poisonous haze has spread over various countries of south-east Asia due to the fires in Indonesia and it has interrupted certain activities in those countries.
 (c) Forest fires of Indonesia have resulted in spread of poisonous gases across various parts of south-east Asia and have put a stop to all the normal activities across countries over the last few weeks.
 (d) Illegal forest fires in Indonesia have spread poisonous gases across many south-east Asian countries over the last few weeks and have caused shut-down of certain normal activities in these countries.

Key: **D****Itemcode : TN1059**

Q14 Five sentences are given. Each sentence has a pair of words that are italicized. From the italicized words, select the most appropriate words (1 or 2) to form correct sentences. Select the correct sequence.

Five sentences:

- I. He gave a *vivid (1)/ livid (2)* account of his life as a fighter pilot.
 II. The company was owned by shipping *magnet (1)/ magnate (2)* Fred Olsen.
 III. She wrote a feminist *critique (1) / critic (2)* of Freud's theories.
 IV. High temperatures can cause *delusions (1)/ hallucinations (2)*.
 V. He was *baled (1)/ bailed (2)* on a minor drugs charge.

- (a) 11221
 (b) 22122
 (c) 12122
 (d) 21212

Key: **C****Itemcode : TN1060**

Q15 Five sentences are given below, labeled 1, 2, 3, 4 and 5. They need to be arranged in a logical order to form a coherent paragraph. Select the correct sequence as your answer.

1. Another features a hostage-taking in a hospital.
 2. Elsewhere, an old lover surprises a lounge pianist, sending her reeling back into painful memories.
 3. An overbearing mother remembers visiting her wary son and his boisterous, pregnant wife.
 4. Most stories turn on some kind of betrayal.
 5. One story takes place at the funeral reception of a man whose wife has just learned of his infidelity.

- (a) 54231
 (b) 12453
 (c) 51234
 (d) 23451

Key: **C****Itemcode : TN1061**

Q16 World Literacy Day is observed on

:

- (a) Sep 5
 (b) Aug 6
 (c) Sep 8
 (d) Oct 24

Key: **C****Itemcode : TN1062**

Q17 In which Indian state did the game of Polo originate?

:

- (a) Meghalaya
 (b) Rajasthan
 (c) Manipur
 (d) West Bengal

Key: **C****Itemcode : TN1063**

Q18 In which year was the 'All India Radio' set up?

:

- (a) 1936

- (b) 1927
 - (c) 1947
 - (d) 1950
- Key: **A**

Itemcode : **TN1064**

Q19 For galvanizing iron which of the following metals is used?
:

- (a) Aluminium
 - (b) Copper
 - (c) Lead
 - (d) Zinc
- Key: **D**

Itemcode : **TN1065**

Q20 Excessive secretion from the pituitary gland in the children results in
:

- (a) increased height
 - (b) retarded growth
 - (c) weakening of bones
 - (d) None of the above
- Key: **A**

Itemcode : **TN1066**

Q21 Venturi tube is used for
:

- (a) measuring intensity of earthquakes
 - (b) measuring specific gravity
 - (c) measuring density
 - (d) measuring flow of a fluid
- Key: **D**

Itemcode : **TN1067**

Q22 The velocity of light was first measured by
:

- (a) Einstein
 - (b) Newton
 - (c) Romer
 - (d) Galileo
- Key: **C**

Itemcode : **TN1068**

Q23 What Benjamin Franklin invented?
:

- (a) Bifocal spectacles
 - (b) Radio
 - (c) Barometer
 - (d) Hygrometer
- Key: **A**

Itemcode : **TN1069**

Q24 Tomb of Vasco-da-Gama is situated at
:

- (a) Chittorgarh (Rajasthan)
 - (b) Kochi (Kerala)
 - (c) Coimbatore (Tamil Nadu)
 - (d) Durgapur (West Bengal)
- Key: **B**

Itemcode : **TN1070**

Q25 This part-time race car driver invented the bucket seat in 1969. Who was he??
:

- (a) Steve McQueen
 - (b) Harrison Frazier
 - (c) Paul Newman
 - (d) John Wayne
- Key: **A**

Itemcode : **TN1001**

Q26 Which of the following drugs concentrates in the skeletal system.
:

- (a) Tetracycline
 - (b) Atropine
 - (c) Digoxin
 - (d) I.N.H.
- Key: **C**

Itemcode : **TN1002**

Q27 The immunoglobulin related to hypersensitivity and anaphylaxis is :

- (a) IgA
- (b) Ig E
- (c) Ig M
- (d) Ig G

Key: **B**

Itemcode : **TN1003**

Q28 Which of the following diseases are related to corona virus :

- (a) MERS
- (b) SARS
- (c) Both a and b
- (d) Neither a nor b

Key: **C**

Itemcode : **TN1004**

Q29 Formula for converting Fahrenheit scale to Celsius scale :

- (a) $C = (F + 32) \times 9/5$
- (b) $C = (F - 32) \times 9/5$
- (c) $C = (F - 32) \times 5/9$
- (d) $C = \text{None of the above}$

Key: **C**

Itemcode : **TN1005**

Q30 Swine flu is caused by :

- (a) H1 N1
- (b) H2 N2
- (c) H1 N2
- (d) H1 N5

Key: **A**

Itemcode : **TN1006**

Q31 Infectious non sharp waste is collected in :

- (a) Yellow bag
- (b) Black bag
- (c) Blue Bag
- (d) Red bag

Key: **A**

Itemcode : **TN1007**

Q32 While working in the hospital a nurse faces a conflict in choosing the intervention between, the need of the patient, doctors decision, family wish and hospital policies. Acc to nursing code of ethics Your priority in choosing the intervention will

- (a) Physician decision
- (b) Patients family wish
- (c) Hospital policy
- (d) Patients need.

Key: **D**

Itemcode : **TN1008**

Q33 An infection resulting from a treatment or from a diagnostic procedure is called :

- (a) Nosocomial infection
- (b) Iatrogenic infection
- (c) Endogenous infection
- (d) Intrinsic infection

Key: **B**

Itemcode : **TN1009**

Q34 In order from lowest to highest what are Mash low's five classes of need :

- (a) Social-Esteem-Physiological-Safety and Self Actualization
- (b) Physiological-Safety-Social-Self Actualization-Esteem
- (c) Physiological-Safety-Social- Esteem-Self Actualization
- (d) Self Actualization- Safety-Social-Esteem-Physiological

Key: **C**

Itemcode : **TN1010**

Q35 A sexually transmitted bacterial disease is

:

- (a) AIDS
- (b) Syphilis
- (c) Herpes
- (d) Hepatitis

Key: **B**

Itemcode : **TN1011**

Q36 Inactive cancer gene is called

:

- (a) Tumor suppressor gene
- (b) Proto-oncogen
- (c) Transposon
- (d) Tumor promoter gene

Key: **B**

Itemcode : **TN1012**

Q37 Which of the following is a structural change in cancer cells

:

- (a) Apoptosis
- (b) Metastasis
- (c) Both a & b
- (d) None of the above

Key: **A**

Itemcode : **TN1013**

Q38 Purpura is the manifestation of

:

- (a) Anemia
- (b) Leucopenia
- (c) Thrombocytopenia
- (d) Leucocytosis

Key: **C**

Itemcode : **TN1014**

Q39 Lifestyle modification is an example of

:

- (a) Primordial prevention
- (b) Primary prevention
- (c) Secondary prevention
- (d) Tertiary prevention

Key: **A**

Itemcode : **TN1015**

Q40 Hospital acquired infection is called

:

- (a) Opportunistic infection
- (b) Iatrogenic infection
- (c) Nosocomial infection
- (d) Endogenous infection

Key: **C**

Itemcode : **TN1016**

Q41 Early prediction of diabetic nephropathy is done by estimating

:

- (a) Blood urea level
- (b) Serum creatinin level
- (c) Microalbuminuria
- (d) Hyperkalaemia

Key: **C**

Itemcode : **TN1017**

Q42 QRS complex in ECG represents

:

- (a) Atrial muscle repolarization
- (b) Ventricular muscle repolarization
- (c) Atrial muscle depolarization
- (d) Ventricular muscle depolarization.

Key: **D**

Itemcode : **TN1018**

Q43 Scale that helps to assess the impaired level of consciousness

:

- (a) Visual Analogue scale
- (b) Muscle power grade scale

- (c) Glasgow coma scale
(d) None of the above
Key: **C**

Itemcode : **TN1019**

Q44 Positive Homan's sign is interpreted by the nurse as
:

- (a) Deep Vein Thrombosis
(b) Pulmonary Embolism
(c) Pneumothorax
(d) Stroke

Key: **A**

Itemcode : **TN1020**

Q45 Which of the following is a nursing intervention for the patient with COPD
:

- (a) Deep Breathing Exercises
(b) Pursed lip breathing
(c) Steroid therapy
(d) None of the above

Key: **B**

Itemcode : **TN1021**

Q46 While positioning a patient after surgery the nurse will always take into account that a particular position most often predisposes a patient to a Physiologic process that suppresses respiration

- (a) Left lateral
(b) Fowler's position
(c) Supine position
(d) Prone position

Key: **C**

Itemcode : **TN1022**

Q47 Requirement of Folic Acid is increased during pregnancy .What food Items your student will recommend to the mother
:

- (a) Milk
(b) Carrots
(c) Yellow vegetables
(d) Green leafy vegetables.

Key: **D**

Itemcode : **TN1023**

Q48 Weight of placenta at term is
:

- (a) 250gms
(b) 125gms
(c) 500gms
(d) 350gms

Key: **C**

Itemcode : **TN1024**

Q49 Indian MTP Act allows abortion up to the period of
:

- (a) 15 weeks
(b) 20 weeks
(c) 28 weeks
(d) 12 weeks

Key: **B**

Itemcode : **TN1025**

Q50 Withdrawal of fluid from uterus of pregnant mother through abdominal wall is called
:

- (a) Culdoscopy
(b) Amniocentesis
(c) Laparoscopy
(d) Paracentesis

Key: **B**

Itemcode : **TN1026**

Q51 Which of the following are isotonic solution
:

- (a) Mannitol
(b) Dextrose
(c) Normal Saline
(d) Ringer Lactate

Key: **D**

Itemcode : **TN1027**

Q52 National Family Welfare Program in India was started in
:

- (a) 1961
- (b) 1965
- (c) 1952
- (d) 1994

Key: **C**

Itemcode : **TN1028**

Q53 Which anti tubercular drug is contraindicated for pregnant women.
:

- (a) Ethambutol
- (b) INH
- (c) Streptomycin
- (d) Rifampicin

Key: **C**

Itemcode : **TN1029**

Q54 In pediatric resuscitation the ratio between chest compression and ventilation is
:

- (a) 2:1
- (b) 3:1
- (c) 4:1
- (d) 5:1

Key: **B**

Itemcode : **TN1030**

Q55 Ng priority of a child with acute renal failure is focused on
:

- (a) Monitoring I/O chart
- (b) Health education regarding salt restriction
- (c) Giving family support
- (d) Checking blood routine

Key: **A**

Itemcode : **TN1031**

Q56 A pediatric nurse will always check the core temperature of the child
:

- (a) Skin temperature
- (b) Axilla temperature
- (c) Rectal temperature
- (d) Oral temperature.

Key: **C**

Itemcode : **TN1032**

Q57 A toddler of 16 months has been recently admitted in a hospital. According to Erickson which of the following stages is
: the toddler in

- (a) Autonomy Vs Shame
- (b) Trust Vs Mistrust
- (c) Initiative Vs Guilt
- (d) Intimacy Vs Isolation

Key: **B**

Itemcode : **TN1033**

Q58 Koplik's spots commonly appear in
:

- (a) Measles
- (b) Mumps
- (c) Varicella
- (d) Smallpox

Key: **A**

Itemcode : **TN1034**

Q59 What is the color of meconium stained amniotic fluid
:

- (a) Yellow
- (b) Red
- (c) White
- (d) Green

Key: **D**

Itemcode : **TN1035**

Q60 One ml contains
:

- (a) 5 drops
 - (b) 10 drops
 - (c) 15 drops
 - (d) 20 drop
- Key: **C**

Itemcode : **TN1036**

Q61 Blood group that contains no antibodies
:

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

Itemcode : **TN1037**

Q62 Speech center is situated in the
:

- (a) Parietal Lobe
 - (b) Frontal Lobe
 - (c) Occipital Lobe
 - (d) Temporal Lobe
- Key: **A**

Itemcode : **TN1038**

Q63 When is the Rh anti D immunoglobulin administered intramuscularly to a Rh -ve mother following child birth.
:

- (a) Within 3 days
 - (b) Within 5 days
 - (c) Within 9 days
 - (d) Within 7 days
- Key: **A**

Itemcode : **TN1039**

Q64 Infants double their birth weight by the age of
:

- (a) 3 months
 - (b) 5 months
 - (c) 9 months
 - (d) 12 months
- Key: **B**

Itemcode : **TN1040**

Q65 Back Bone of Community Health is
:

- (a) Family
 - (b) Individual
 - (c) Home Visits
 - (d) Economy
- Key: **C**

Itemcode : **TN1041**

Q66 Sex ratio is defined as
:

- (a) Number of females per 1000 births
 - (b) Number of females per 1000 males
 - (c) Number of males per 1000 births
 - (d) Number of males per 1000 females
- Key: **B**

Itemcode : **TN1042**

Q67 The most universally accepted indicator of health status of a country is
:

- (a) Crude death rate
 - (b) Infant mortality rate
 - (c) Case fatality rate
 - (d) Adult mortality rate.
- Key: **B**

Itemcode : **TN1043**

Q68 The highest unit of three tier structure of Panchayati Raj in India is
:

- (a) Panchayat Samiti
- (b) Village Panchayat
- (c) Zilla Parishad

(d) Nyaya Sabha
Key: **C**

Itemcode : **TN1044**

Q69 Mid Day Meal Program in India was started in
:

- (a) 1961
- (b) 1981
- (c) 1991
- (d) 2001

Key: **A**

Itemcode : **TN1045**

Q70 Population covered by PHC in India is
:

- (a) 50000
- (b) 30000
- (c) 40000
- (d) 10000

Key: **B**

Itemcode : **TN1046**

Q71 Morbidity refers to:
:

- (a) Death
- (b) Illness
- (c) Health
- (d) Fatality

Key: **B**

Itemcode : **TN1047**

Q72 A second year student has suffered a needle stick injury while working With patient who is positive for AIDS. Which of
: the following most important action the nursing student would be recommended by the doctor.

- (a) Immediately see the social worker
- (b) Start prophylactic AZT treatment
- (c) Seek counseling
- (d) None of the above

Key: **B**

Itemcode : **TN1048**

Q73 The first 4 years Basic B.Sc Nursing Program was started in India in the year
:

- (a) 1910
- (b) 1940
- (c) 1946
- (d) 1880

Key: **C**

Itemcode : **TN1049**

Q74 All of the above are Vector borne disease except
:

- (a) Malaria
- (b) Hepatitis
- (c) Dengue
- (d) Plague

Key: **B**

Itemcode : **TN1050**

Q75 Study of distribution and determinants of the disease is called.
:

- (a) Entomology
- (b) Epidemiology
- (c) Pathology
- (d) Microbiology

Key: **B**