



**CBRT - 2019
Question Paper Grid**

Government of Goa

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Junior Gynaecologist

Itemcode : **JG1031**

Q1 : Spot the error in the following sentence. The Alphabet of that Part (containing the error) is your answer.

- (a) What to talk of charity
- (b) Rajan does not practise
- (c) even
- (d) ordinary humanity

Itemcode : **JG1032**

Q2 : Spot the error in the following sentence. The Alphabet of that Part (containing the error) is your answer.

- (a) No King in that period
- (b) was so intensely involved
- (c) in the welfare of his people
- (d) as King Ashoka

Itemcode : **JG1033**

Q3 : Fill in the blank with the correct preposition.
I am not obsessed _____ such ideas as you are.

- (a) in
- (b) on
- (c) for
- (d) with

Itemcode : **JG1034**

Q4 : Fill in the blank with the correct preposition.
India is committed _____ a policy of peaceful existence.

- (a) for
- (b) with
- (c) to
- (d) of

Itemcode : **JG1035**

Q5 : Choose the correct Antonym from the following word given.
ANTIPATHY

- (a) indifference
- (b) willingness
- (c) fondness
- (d) artificial

Itemcode : **JG1036**

Q6 : Choose the correct Antonym from the following word given.
MOROSE

- (a) healthy
- (b) gloomy
- (c) haggard
- (d) cheerful

Passage:

Read the following passage and answer the following questions on the basis of information provided in the passage.

Our body is a wondrous mechanism and when subjected to unusual stress over a period of time, it adapts itself to deal more effectively with that stress. So when you exert your muscles against resistance, they are forced to adapt and deal with this extraordinary workload. This is the principle of weight training. Strands of muscle fibres become thicker and stronger in response to the demands placed on them.

One of the great merits of weight training is the strength of your heart. During weight training, your heart is forced to beat faster and stronger in order to pump sufficient blood to the muscles being worked. In time, your heart, like your body will adapt to this extra workload by becoming stronger and more efficient. Since your body needs a given amount of blood to perform its daily tasks your heart will now need fewer beats to pump the same quantity of blood. Sounds good? There's more. Your entire circulatory system is given a thorough workout every time you exercise, which increases its overall efficiency. Even the neural paths from your brain's command centres to each individual muscles become more effective, enabling easier

recruitment of muscle fibres for carrying out physical tasks. In essence, your body becomes a well-oiled and finely-tuned piece of machinery, whirring along without any break-down. In today's stress filled world, you need all the help you can get.

Itemcode : **JG1037**

Q7 : What is the principle training of weight lifting?

- (a) Adapting the body to muscle force
- (b) Adapting muscles to force implied on them
- (c) Disposing extra workload
- (d) Mechanised response to external conditions

Itemcode : **JG1038**

Q8 : How does the heart become stronger owing to physical exercise?

- (a) Thorough acclimatisation
- (b) Naturalisation
- (c) Adapting to excessive workload
- (d) By accelerating the circulation of blood

Itemcode : **JG1039**

Q9 : What does the term 'well-oiled' in the passage do note?

- (a) Healthy
- (b) Efficient
- (c) Managed
- (d) None of these

Itemcode : **JG1040**

Q10 What affects the nature of muscle fibres?

- (a) Intensity of workload
- (b) Alimentary System
- (c) Nutrition
- (d) Stress imposed on them

Itemcode : **JG1045**

Q11 Let P, Q, S, R, T, U and V represent seven distinct digits from 0 to 6, not necessarily in that order. If PQ and RS are both two digit numbers adding up to the three digit number TUV, find the value of V.

- (a) 3
- (b) 6
- (c) 5
- (d) Cannot be determined

Itemcode : **JG1046**

Q12 Each one of Mr. Ugle, his mother, his wife and his son is a different professional among lawyer, doctor, engineer and accountant. The accountant is not the son of the lawyer, who is a blood relative of the doctor. The engineer is the son of the accountant who is not a blood relative of the doctor. Who can never be the doctor?

- (a) Mr. Ugle
- (b) Mr. Ugle's wife
- (c) Mr. Ugle's son
- (d) Both a & c

Itemcode : **JG1047**

Q13 A and B start simultaneously from P and Q towards Q and P respectively. The speed of A and B are 25 kmph and 32 kmph respectively. They meet at R and immediately return to their respective starting points after exchanging their speeds. If the distance between P and Q is 2000 km, then the difference in time taken by A and B to reach their starting position is

- (a) 15.5 hours
- (b) 20 hours
- (c) 16 hours
- (d) 17.5 hours

Itemcode : **JG1048**

Q14 Find the number of two-digit numbers that are divisible by both 6 and 7

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

Itemcode : **JG1049**

Q15 The sentences given in the question, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. From among the four choices given below the question, choose the most logical order of sentences that constructs a coherent paragraph.

9. P. In their popular-philosophizing mode, physicists like to quote the poets Keats ("beauty is truth, truth beauty") or Blake on the subject of nature's "fearful symmetry".

Q. From Euclid and Pythagoras down to 20th century physicists, many who explore the underlying laws of natural world have been truth and beauty as inextricable intertwined.

R. Does science have a "beauty" problem?

S. "Beauty is a successful criterion of selecting the right theory," the Noble Prize-winning physicist Murray Gell-Mann said in a much quoted TED talk in 2007.

T. David Orrell, a mathematician and consultant argues that it does - or, at least, the some of its practitioners are enthralled to ideals involving "elegance", "symmetry", and "unity" that are beckoning them down false paths.

- (a) SPQRT
- (b) SQPRT
- (c) RTQSP
- (d) RSPQT

Itemcode : JG1050

Q16 There are two blanks in question. From the pairs of words given below sentence choose the pair that fills the blank :

most appropriately.

A borrowed book is like a guest in the house; it must be treated with _____, with a certain considerate _____.

- (a) respect .. understanding
- (b) punctiliousness .. formality
- (c) propriety .. modesty
- (d) reverence .. decorum

Itemcode : JG1051

Q17 There are two blanks in question. From the pairs of words given below sentence choose the pair that fills the blank :

most appropriately

The government health sector in India has been on a _____ path since 2005, with substantial _____ of central government funds under the National Rural Health Mission (NRHM).

- (a) change .. mixture
- (b) modification .. combination
- (c) transformation .. blend
- (d) reform .. infusion

Itemcode : JG1054

Q18 Clock is related to Time in the same ways as Vehicle is related to which of the following?

:

- (a) Driver
- (b) Road
- (c) Journey
- (d) Fuel

Itemcode : JG1055

Q19 A student received an average score of N points on her first 3 tests. If her fourth test score exceeds the average score of previous 3 tests by 20 points, then what is the average score for the four tests?

- (a) $N + 20$
- (b) $N + 10$
- (c) $N + 4$
- (d) $N + 5$

Itemcode : JG1056

Q20 A thief running at 8 km/hr is chased by a policeman whose speed is 10 km/hr. If the thief is 100 m ahead of the policeman, then the time required for the policeman to catch the thief will be:

- (a) 2 min
- (b) 3 min
- (c) 4 min
- (d) 6 min

Itemcode : JG1057

Q21 Which of the following situations below describes the best, as an example of 'Speculation'?

:

- (a) Francine decides that it would be appropriate to wear jeans to her new office on Friday after reading about "Casual Fridays" in her employee handbook.
- (b) Mary spends thirty minutes sitting in traffic and wishes that she took the train instead of driving.
- (c) After consulting several guidebooks and her travel agent, Jennifer feels confident that the hotel she has chosen is first-rate.
- (d) When Emily opens the door in tears, Theo guesses that she's had a death in her family.

Itemcode : JG1058

Q22 Which situation below is the best example of 'Embellishing the Truth'?

:

- (a) Isabel goes to the theater, and the next day, she tells her coworkers she thought the play was excellent.
- (b) The realtor describes the house, which is eleven blocks away from the ocean, as prime waterfront property.
- (c) During the job interview, Fred, who has been teaching elementary school for ten years, describes himself as a very experienced teacher.
- (d) The basketball coach says it is likely that only the most talented players will get a college scholarship.

Itemcode : JG1059

Q23 Statements: Some businessmen are fools. Some fools are rich.

: Conclusions:

I. Some businessmen are rich
II. Some rich are businessmen.
Which of the following is correct?

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Either I or II follows
- (d) Neither I nor II follows

Itemcode : JG1060

Q24 The price of a product is P. A shopkeeper raises its prices by X% and then offers a discount by Y% on the raised price.
: The discounted price again becomes P. if Y is the difference between X and Y, find Y.

- (a) 20
- (b) 25
- (c) 50
- (d) 100

Itemcode : JG1061

Q25 If instead of multiplying a number by 6 the number was divided by 6. What should be the percentage error?
:

- (a) 100%
- (b) 96.00%
- (c) 94.00%
- (d) 98.00%

Itemcode : JG1062

Q26 35% of 480 + 120% of 120 = _____ ?
:

- (a) 312
- (b) 222
- (c) 322
- (d) 212

Itemcode : JG1063

Q27 The film director wants an actress for the lead role of Lucy who perfectly fits the description that appears in the original
: screenplay. He is not willing to consider actresses who do not resemble the character as she is described in the screenplay, no matter how talented they are. The screenplay describes Lucy as an average-sized, forty something redhead, with deep brown eyes, very fair skin, and a brilliant smile. The casting agent has four actresses in mind.

Actress #1 is a stunning red-haired beauty who is 5'9" and in her mid-twenties. Her eyes are brown and she has an olive complexion.

Actress #2 has red hair, big brown eyes, and a fair complexion. She is in her mid-forties and is 5'5".

Actress #3 is 5'4" and of medium build. She has red hair, brown eyes, and is in her early forties.

Actress #4 is a blue-eyed redhead in her early thirties. She's of very slight build and stands at 5'.

Which two actresses should the casting agent send to meet the director?

- (a) 1, 2
- (b) 2, 3
- (c) 1, 4
- (d) 2, 4

Itemcode : JG1064

Q28 Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that
: group?

- (a) Orange
- (b) Pear
- (c) Radish
- (d) Mango

Itemcode : JG1065

Q29 A mixture comprises of water and liquids A and B. The volume of water is 1/3rd of the total mixture and the volume of
: liquids A and B are in the ratio of 5 : 3. To remove the water, the mixture is passed through a porous medium which completely absorbs the water and partially absorbs liquid A. Altogether this porous medium absorbs 200 ml of the initial mixture. If the ratio of volume of liquids A and B in the residual concentrated mixture becomes 7 : 9, then find the volume of water absorbed by the porous medium.

- (a) 60 ml
- (b) 100 ml
- (c) 80 ml
- (d) 120 ml

Passage:

Answer the questions on the basis of the information given below.

Mr De Souza, a car dealer, sold cars of only two brands, A and B, in the previous year. This year, he introduced a new brand, C. The number of cars of brand A and brand B sold in the previous year were in the ratio 3 : 2, and the ratio of the number of cars sold in the previous year to that sold in this year is 2 : 3 for brand A and 2 : 5 for brand B. Further, the number of cars of brand C sold this year forms 81% of the total number of cars sold this year.

Itemcode : JG1041

Q30 Find the number of cars of brand C sold this year, given that a total of 24 cars of brand A were sold in the previous year.

- (a) 243
- (b) 324
- (c) 648
- (d) 162

Itemcode : JG1042

Q31 What is the percentage increase in the total number of cars sold this year when compared to the total number of cars sold in the previous year?

- (a) 1000%
- (b) 600%
- (c) 900%
- (d) 400%

Passage:

Answer the questions on the basis of the information given below.

A sports club shortlisted five persons - Andrew, Bradman, John, Whitefield and Chang. Each of them is from a different country among Australia, India, Japan, Pakistan and Canada, not necessarily in that order. At present, each of them is coaching the team of a different country among Australia, Bangladesh, China, Wales and Bermuda, not necessarily in that order. The following details were also observed about their particulars:

(i) For any person, each of his three particulars - his name, the name of the country from which he is and the name of the country that he is coaching at present, starts with a different letter.

(ii) Whitefield is coaching Australia and John is from neither Australia nor Pakistan.

(iii) Bradman is not coaching China and the person who is coaching Bermuda is from Canada.

(iv) Anshuman is neither from Canada nor from Pakistan and also the person from Pakistan is coaching Bangladesh.

Itemcode : JG1043

Q32 Whitefield is from which country?

- (a) India
- (b) Japan
- (c) Canada
- (d) Cannot be determined

Itemcode : JG1044

Q33 Who is the person from Australia?

- (a) Bradman
- (b) John
- (c) Whitefield
- (d) Cannot be determined

Passage:

Answer the question on the basis of information given below:

In a locality there are five buildings - A, B, C, D and E. All of them are of different heights. The tallest building has five floors, the next tallest has four floors, and so on, till the shortest has only one floor. Further it is known that:

(i) The sum of the number of floors of A and E is equal to the sum of the number of floors of C and D.

(ii) C is not the tallest building and A is not the shortest building

(iii) C is taller than A and D is taller than B

Itemcode : JG1052

Q34 Which building is the shortest?

- (a) B
- (b) A
- (c) C
- (d) Either B or A

Itemcode : JG1053

Q35 Building C has _____ floors.

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

Itemcode : JG1066

Q36 Real Madrid won the 2018 UEFA Champions League. Who was the runner-up?

:

- (a) Juventus
- (b) Atletico Madrid
- (c) Liverpool
- (d) Manchester United

Itemcode : **JG1067**

Q37 In which year, Mamata Banerjee led Trinamool Congress came to power for the first time in West Bengal?

:

- (a) 2009
- (b) 2010
- (c) 2011
- (d) 2015

Itemcode : **JG1068**

Q38 As per Swachh Sarvekshan 2017, _____ was declared the cleanest City in India.

:

- (a) Indore
- (b) Bhopal
- (c) Surat
- (d) Mysore

Itemcode : **JG1069**

Q39 Who was the last Mughal Emperor in India?

:

- (a) Shah Alam II
- (b) Muhammad Shah Bahadur
- (c) Akbar Shah II
- (d) Bahadur Shah II

Itemcode : **JG1070**

Q40 Who among the following founded Google?

:

- (a) Jack Dorsey
- (b) Jan Koum
- (c) Larry Page
- (d) Jeff Bezos

Itemcode : **JG1071**

Q41 Mangalyan, the Mars Orbiting Mission by India was launched in _____ year.

:

- (a) 2013
- (b) 2014
- (c) 2015
- (d) 2016

Itemcode : **JG1072**

Q42 Gomant Vibhushan Award is the highest civilian honor by the Government of Goa. The last time this was given in 2016.

: Who received the award?

- (a) Laxman Pai
- (b) Lambert Mascarenhas
- (c) RA Mashelkar
- (d) Charles Correa

Itemcode : **JG1073**

Q43 Who has become the World's First Female Cricketer to take 200 wickets in One Day Internationals?

:

- (a) Jhulan Goswami
- (b) Veda Krishnamu rthy
- (c) Smriti Mandhana
- (d) Neetu David

Itemcode : **JG1074**

Q44 The famous 'Hornbill Festival' is held in which of the following states?

:

- (a) West Bengal
- (b) Assam
- (c) Nagaland
- (d) Kerala

Itemcode : **JG1075**

Q45 Who among the following is a founder of Wikipedia?

:

- (a) Ward Cunningham

- (b) Larry Sanger
- (c) Rick Gates
- (d) Bill Gates

Itemcode : **JG1001**

Q46 Pick up the CORRECT one
: Implantation occurs following fertilization of an ovum on

- (a) 2nd day
- (b) 4th day
- (c) 6th day
- (d) 8th day

Itemcode : **JG1002**

Q47 Pick up the WRONG one
: The following are the features of Braxton Hicks contractions during pregnancy

- (a) Regular and frequent
- (b) Painless
- (c) No adverse on the fetus
- (d) All of the above

Itemcode : **JG1003**

Q48 Pick up the WRONG one
: The following are related to the delivery of Head in normal labour

- (a) During crowning, the biparietal diameter stretches the vulval outlet
- (b) Successive parts of fetal head to be born are face, brow and vertex
- (c) Restitution occurs in the direction opposite to that of internal rotation
- (d) Head is born with flexion

Itemcode : **JG1004**

Q49 Pick up the CORRECT one
: During the active phase of labour, the effective cervical dilatation in primigravida should be at the rate of

- (a) 1 cm per hour
- (b) 1.5 cm per hour
- (c) 2 cm per hour
- (d) None of the above

Itemcode : **JG1005**

Q50 Continued pregnancy following threatened abortion is likely to have more incidence of
:

- (a) Premature labour
- (b) Intrauterine growth retardation of foetus
- (c) Fetal malformation
- (d) All of the above

Itemcode : **JG1006**

Q51 The best method for of evacuation of missed abortion of more than 12 weeks
:

- (a) Oxytocin infusion
- (b) Intramuscular injection of prostaglandin 15 methyl PGF2alpha
- (c) Prostaglandin E2 by vaginal route
- (d) Suction evacuation

Itemcode : **JG1007**

Q52 Pick up the WRONG one
: The contraindications of cervical encirclage operation

- (a) Leaking membranes
- (b) Features of amnionitis
- (c) History of vaginal spotting
- (d) Pregnancy beyond 14 weeks

Itemcode : **JG1008**

Q53 Pick up the CORRECT one
: Commonest type of uniovular twins is

- (a) Diamniotic monochorionic
- (b) Diamniotic dichorionic
- (c) Monoamniotic monochorionic
- (d) None of the above

Itemcode : **JG1009**

Q54 Pick up the WRONG one
: The role of caesarean section in eclampsia

- (a) Caesarean section is ideal in eclampsia
- (b) Suitable in selected cases in ideal circumstances

- (c) Risky in adverse circumstances
- (d) Lifesaving in status eclampticus

Itemcode : JG1010

- Q55** Pick up the WRONG one
: The following are related to management of acute obstetrical inversion of uterus
- (a) To replace the uterus urgently even without anesthesia before shock develops
 - (b) Replace the part first which is inverted first
 - (c) If shock develops prior to replacement, resuscitation is to be done first.
 - (d) Hydrostatic method is effective and less shock producing

Itemcode : JG1011

- Q56** Pick up the WRONG one
: The Spiegelberg's criteria in the diagnosis of ovarian pregnancy are
- (a) Fallopian tube on the affected side must be intact
 - (b) The gestational sac must be in the position of the ovary
 - (c) The gestational sac is connected with infundibulopelvic ligament
 - (d) Ovarian tissue must be found on its wall on histological examination

Itemcode : JG1012

- Q57** Pick up the WRONG one
: The following statements are related to continuous fetal heart monitoring
- (a) Beat to beat variation is not a reliable index of intrauterine fetal status
 - (b) Late deceleration is suggestive of chronic placental insufficiency
 - (c) Variable deceleration is due to cord compression
 - (d) Early deceleration is due to head compression

Itemcode : JG1013

- Q58** Pick up the CORRECT one
: The Commonest cause of perinatal mortality in India is
- (a) Intracranial hemorrhage
 - (b) Congenital malformations
 - (c) Prematurity
 - (d) None of the above

Itemcode : JG1014

- Q59** Least used method of female sterilisation in India
:
- (a) Minilap
 - (b) Laproscopic sterilisation
 - (c) Conventional post-partum abdominal sterilisation
 - (d) Vaginal sterilisation

Itemcode : JG1015

- Q60** The best way to terminate pregnancy in intrauterine fetal death is by the use of
:
- (a) Prostaglandins
 - (b) Oxytocin infusion
 - (c) Intraamniotic instillation of hypertonic saline
 - (d) Trans cervical extra amniotic ethacridine lactate

Itemcode : JG1016

- Q61** Pick up the WRONG one
: The following statements are related to management of organic heart disease with pregnancy
- (a) The cases are to be well supervised
 - (b) The cases should have a mandatory hospital delivery
 - (c) There is hardly any place of induction of labour for heart lesion
 - (d) Termination of pregnancy has got a definitive place in unresponsive case of grade 4 even beyond 16 weeks of pregnancy

Itemcode : JG1017

- Q62** Pick up the CORRECT one
: The best way to tackle the blood coagulation disorders in abruption placenta
- (a) Massive fresh blood transfusion
 - (b) To administer fibrinogen rich substances
 - (c) Use of antifibrinolytic substances
 - (d) Use of heparin

Itemcode : JG1018

- Q63** The best procedure to diagnose carcinoma cervix following positive cytology is
:
- (a) Four quadrant cervical biopsy
 - (b) Ring biopsy
 - (c) Colposcopic directed biopsy
 - (d) None of the above

Itemcode : **JG1019**

Q64 Endometrial carcinoma of uterus is more related to
:

- (a) Feminising ovarian tumor
- (b) Polycystic ovarian disease
- (c) Exogenous oestrogen therapy
- (d) All of the above

Itemcode : **JG1020**

Q65 Commonest endometrial pattern in dysfunctional uterine bleeding is
:

- (a) Atrophic
- (b) Hyperplastic
- (c) Normal pattern
- (d) None of the above

Itemcode : **JG1021**

Q66 Pick up the WRONG one
: The following statements are related to the treatment of carcinoma Cervix stage 1B

- (a) Surgery and radiotherapy have almost equal 5 year survival rate
- (b) Surgery has got greater morbidity than radiotherapy
- (c) Radiotherapy has got limitation in radioresistant cases
- (d) In younger age group radiotherapy is preferable

Itemcode : **JG1022**

Q67 Pick up the WRONG one
: The advantages of cryosurgery over electro cauterization for cervical erosion are

- (a) Less discomfort to the patient
- (b) Post procedural bleeding is much less
- (c) Post Procedural vaginal discharge is negligible
- (d) cervical stenosis is extremely rare

Itemcode : **JG1023**

Q68 Pick up the CORRECT one
: Ovarian tumor producing features of thyrotoxicosis

- (a) Lipid cell tumor
- (b) Dermoid
- (c) Struma ovarii
- (d) Carcinoid tumor

Itemcode : **JG1024**

Q69 Pick up the WRONG one
: The following are related to the collection of material for Pap smear

- (a) Lubricants are avoided
- (b) To make the slide dry before fixation
- (c) To immerse the slide in fixative containing 95% Ether and alcohol
- (d) None of the above

Itemcode : **JG1025**

Q70 The most popular Family planning method used in India
:

- (a) Female sterilization
- (b) Vasectomy
- (c) Conventional contraceptives
- (d) Oral pill

Itemcode : **JG1026**

Q71 A huge cystic ovarian tumor in a young girl of 18 years should be best removed by
:

- (a) First perform tapping of ovarian cyst per abdomen to reduce its size followed by removal at a later stage
- (b) To give a small abdominal incision and reduce its size by trocar and then remove the reduced cyst through that small incision
- (c) Removal of the intact cyst through an adequate abdominal incision
- (d) All of the above

Itemcode : **JG1027**

Q72 A nulliparous uterine prolapsed should be best treated by
:

- (a) Fothergill's type of operation
- (b) Ventrisuspension of the uterus
- (c) Cervicopexy
- (d) Ring pessary

Itemcode : **JG1028**

Q73 Pick up the WRONG one
: Chocolate cyst of ovary should be surgically dealt with by

- (a) Resection of the ovary
- (b) Oophorectomy
- (c) Ovarian cystectomy
- (d) None of the above

Itemcode : **JG1029**

Q74 Pick up the WRONG one
: Clomiphene is

- (a) Anti oestrogen
- (b) Anti androgen
- (c) A stimulator of FSH production
- (d) None of the above

Itemcode : **JG1030**

Q75 Pick up the CORRECT one
: Post coital test should preferably be done

- (a) Any day of the cycle
- (b) Within 2 days prior to ovulation
- (c) After 2 days of ovulation
- (d) All of the above