



**CBRT - 2017  
Question Paper Grid**

Government of Goa

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**Principal Junior Scale**

Itemcode : **PJ1001**

**Q1 :** Out of the four given alternatives, choose that alternative as your answer which is similar to the given words:

Crocodile: Lizard: Chameleon

- (a) Whale
- (b) Lion
- (c) Snake
- (d) Hen

Itemcode : **PJ1002**

**Q2 :** Which of the following is an odd letter group?

- (a) EBCDA
- (b) GFHIJ
- (c) KOLNM
- (d) QRSTU

Itemcode : **PJ1003**

**Q3 :** The position of how many digits in the number 53269718 will remain unchanged, if the digits within the numbers are rearranged in ascending order?

- (a) None
- (b) One
- (c) Two
- (d) Three

Itemcode : **PJ1004**

**Q4 :** Meera's mother is four times as old as Meera. After 5 years her mother will be 3 times as old as she will be then. What is the age of Meera?

- (a) 15 years
- (b) 10 years
- (c) 20 years
- (d) 5 years

Itemcode : **PJ1005**

**Q5 :** If 'Lion' is called 'Fish', 'Fish' is called 'Parrot', 'Parrot' is called 'rat', 'rat' is called 'cat', 'cat' is called 'Tiger', then which of the following is a 'bird'?

- (a) Fish
- (b) Parrot
- (c) Rat
- (d) Tiger

Itemcode : **PJ1006**

**Q6 :** What comes in place of '?' in the following series?

PMK, MPK, MKP, KMP, ?

- (a) PMK
- (b) KMP
- (c) MPK
- (d) KPM

Itemcode : **PJ1007**

**Q7 :** A man covered a certain distance in 12 hours. He covered half the distance by train at 75 kmph and the remaining distance by car at 45 kmph. How much distance did he cover?

- (a) 450 km
- (b) 675 km
- (c) 337.5 km
- (d) 1350 km

Itemcode : **PJ1008**

**Q8 :** The length and breadth of a rectangular plot are in the ratio of 3:1. Cost of fencing the plot @ Rs. 4/- per meter is Rs. 640. If both the length and the breadth of the plot are increased as much as equal to the breadth of the plot, what should be the area of the new plot?

- (a) 1600m<sup>2</sup>
- (b) 2400m<sup>2</sup>
- (c) 1200m<sup>2</sup>
- (d) 3200m<sup>2</sup>

Itemcode : **PJ1009**

**Q9 :** Examine the following statement:

- I. Rama scored more than Rani.
  - II. Rani scored less than Ratna.
  - III. Ratna scored more than Rama.
  - IV. Padma scored more than Rama but less than Ratna.
- Who scored the highest?

- (a) Rama
- (b) Padma
- (c) Rani
- (d) Ratna

Itemcode : **PJ1010**

**Q10** If the price of potatoes is reduced by 25%, one can buy 6.25 Kg more for Rs. 100. Find the price of potatoes per Kg : before reduction

- (a) Rs. 3
- (b) Rs. 4
- (c) Rs. 5
- (d) Rs. 5.33

Itemcode : **PJ1011**

**Q11** Arti and Saurabh are the children of Mr and Mrs Shah. Ritu and Shakti are the children of Mr and Mrs Mehra. Saurabh and Ritu are married to each other and two daughters Mukti and Shruti are born to them. Shakti is married to Rina and two children Subash and Reshma are born to them. How is Arti related to Shruti?

- (a) Mother-in-law
- (b) Mother
- (c) Sister
- (d) Aunt

Itemcode : **PJ1012**

**Q12** Pointing to a man on stage, Rita said 'He is the brother of the daughter of the wife of my husband'. How is the man on stage related to Rita?

- (a) Son
- (b) Husband
- (c) Cousin
- (d) Nephew

Itemcode : **PJ1013**

**Q13** A class starts at 10.00 a.m. and lasts till 1.27 p.m. Four periods are held during this interval. After every period, 5 mins rest is given to the students. The exact duration of each period is?

- (a) 40 min
- (b) 48 min
- (c) 51 min
- (d) 53 min

Itemcode : **PJ1014**

**Q14** Replace the '?' with the correct option.

: 100, 50, 52, 26, 28, ?, 16, 8

- (a) 30
- (b) 36
- (c) 14
- (d) 32

Itemcode : **PJ1015**

**Q15** In a certain code language 'FORGET' is written as 'DPPHCU'. How would 'DOCTOR' be written in that code?

- (a) BPAUMS
- (b) BPAUPS
- (c) EMDRPP
- (d) BPARPP

Itemcode : **PJ1019**

**Q16** Choose the words opposite to the word provided:

: Extensive

- (a) Restricted

- (b) Limited
- (c) Little
- (d) Ordinary

Itemcode : **PJ1020**

**Q17** Choose the words opposite to the word provided:  
: Comprehensive

- (a) Casual
- (b) Inadequate
- (c) Indifferent
- (d) Superficial

Itemcode : **PJ1021**

**Q18** Choose the words opposite to the word provided :  
:

Inspid

- (a) Informative
- (b) Insightful
- (c) Lively
- (d) shocking

Itemcode : **PJ1022**

**Q19** Choose the words opposite to the word provided:  
: Phoney

- (a) Beautiful
- (b) Unnatural
- (c) Genuine
- (d) Unreal

Itemcode : **PJ1023**

**Q20** Choose the word which is most nearly similar in meaning to the word provided:  
: Insolent

- (a) Assertive
- (b) Proud
- (c) Rude
- (d) Nervous

Itemcode : **PJ1024**

**Q21** Choose the word which is most nearly similar in meaning to the word provided:  
: Imperative

- (a) Royal
- (b) Authoritative
- (c) Request
- (d) Illegal

Itemcode : **PJ1025**

**Q22** Choose the word which is most nearly similar in meaning to the word provided:  
: Cite

- (a) Good
- (b) Quote
- (c) Construction
- (d) Place

Itemcode : **PJ1026**

**Q23** Fill in the blank with the appropriate word from the choices provided:  
: In order to make progress, they agreed \_\_\_\_\_ a definite plan of action.

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

Itemcode : **PJ1027**

**Q24** Fill in the blank with the appropriate word from the choices provided:  
: He was in trouble because he did not \_\_\_\_\_ the instruction.

- (a) observe
- (b) confirm
- (c) chase
- (d) follow

Itemcode : **PJ1028**

**Q25** Complete each sentence by choosing the correct choice from the words provided:  
: I will have to ask you to put \_\_\_\_\_ your cigarette.

- (a) off
- (b) out

- (c) in
- (d) down

**Itemcode : PJ1029**

**Q26** Complete each sentence by choosing the correct choice from the words provided:

: Could you fill \_\_\_\_\_ this form please?

- (a) away
- (b) in
- (c) up
- (d) none of the above

**Itemcode : PJ1030**

**Q27** Choose the word which is most nearly similar in meaning to the word provided:

: Prudent

- (a) Wise
- (b) Careful
- (c) Truthful
- (d) Upright

**Itemcode : PJ1031**

**Q28** Which Chief Minister of Goa later became the Speaker of the legislative assembly?

:

- (a) Ravi Naik
- (b) Rajendra Arlekar
- (c) Luis Proto Barboza
- (d) Pratapsing Rane

**Itemcode : PJ1032**

**Q29** Who was the Governor of Goa before Her Excellency, Dr. Mridula Sinha?

:

- (a) Om Prakash Kohli
- (b) Bharat Vir Wanchoo
- (c) S. C. Jamir
- (d) Margaret Alva

**Itemcode : PJ1033**

**Q30** Who inaugurated the IIT, Goa campus in July 2016?

:

- (a) Shri Manohar Parrikar
- (b) Shri Prakash Javadekar
- (c) Shri Nitin Gadkari
- (d) Dr Mridula Sinha

**Itemcode : PJ1034**

**Q31** Which one of the following major Indian cities is most eastward located?

:

- (a) Hyderabad
- (b) Bhopal
- (c) Lucknow
- (d) Bengaluru

**Itemcode : PJ1035**

**Q32** Red soil is present in many parts of Goa. What is the reason for this colour?

:

- (a) Abundance of Magnesium
- (b) Accumulated Humus
- (c) Presence of Ferric oxides
- (d) Abundance of Phosphates

**Itemcode : PJ1036**

**Q33** What is the area of Goa?

:

- (a) 3786 km<sup>2</sup>
- (b) 3702 km<sup>2</sup>
- (c) 3768 km<sup>2</sup>
- (d) 3720 km<sup>2</sup>

**Itemcode : PJ1037**

**Q34** When is World Environment Day celebrated?

:

- (a) 14th November
- (b) 14th June
- (c) 5th June
- (d) 5th November

Itemcode : **PJ1038**

**Q35** Which is the largest of the following planets?

:

- (a) Neptune
- (b) Jupiter
- (c) Saturn
- (d) Uranus

Itemcode : **PJ1039**

**Q36** Which is the capital of Nigeria?

:

- (a) Abidjan
- (b) Accra
- (c) Abuja
- (d) Aden

Itemcode : **PJ1040**

**Q37** The National Chemical Laboratory is situated in

:

- (a) Delhi
- (b) Mumbai
- (c) Pune
- (d) Hyderabad

Itemcode : **PJ1041**

**Q38** Who is the author of the Book 'The Rights of Man'?

:

- (a) Thomas Paine
- (b) George Washington
- (c) Niccolo Machinvelle
- (d) Ayn Rand

Itemcode : **PJ1042**

**Q39** Which of the following is not an official language of the United Nations?

:

- (a) Arabic
- (b) Chinese
- (c) Portuguese
- (d) Spanish

Itemcode : **PJ1043**

**Q40** Where was the first Asian Games held?

:

- (a) Tokyo
- (b) Jakarta
- (c) New Delhi
- (d) Manila

Itemcode : **PJ1044**

**Q41** Which is the most densely populated 'SAARC' Country?

:

- (a) Pakistan
- (b) Bangladesh
- (c) Maldives
- (d) India

Itemcode : **PJ1045**

**Q42** When did the United Nations General Assembly establish 'UNIDO'?

:

- (a) 1986
- (b) 1966
- (c) 1967
- (d) 1965

Itemcode : **PJ1046**

**Q43** Why should an Entrepreneur do a feasibility study for starting a new venture?

:

- (a) To see if there are possible barriers to success
- (b) To identify possible sources of funds
- (c) To estimate the expected sales
- (d) To explore potential customers

Itemcode : **PJ1047**

**Q44** A corporate manager who starts a new initiative for their company which entails setting up a new distinct business unit and Board of Directors can be regarded as?

- (a) Ecopreneur
- (b) Technopreneur
- (c) Intrapreneur
- (d) Social Entrepreneur

Itemcode : **PJ1048**

**Q45** Under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) the duration of Short term training programmes imparted at PMKVY training centres ranges from

- (a) 50 -100 hours
- (b) 100-150 hours
- (c) 75- 150 hours
- (d) 150- 300 hours

Itemcode : **PJ1049**

**Q46** The National Skill Development Corporation is

- (a) A Section 25 Company
- (b) Government of India Corporation
- (c) Private enterprise
- (d) None of the above

Itemcode : **PJ1050**

**Q47** As per the policy for skill development and Entrepreneurship of the Ministry of Skill Development and Entrepreneurship, Government of India, there is an additional net incremental requirement of approx. \_\_\_\_\_ million skilled manpower by 2022

- (a) 110
- (b) 135
- (c) 90
- (d) 125

Itemcode : **PJ1051**

**Q48** In terms of the Apprenticeship Act 1961, where an employer employs in his establishment less than \_\_\_\_\_ workers, the basic training to the trade apprentices shall be imparted in training Institutes set up by the Government

- (a) 100
- (b) 500
- (c) 300
- (d) 250

Itemcode : **PJ1052**

**Q49** Which Section of the Apprenticeship Act 1961, deals with 'Termination of Apprenticeship Contract'?

- (a) Section 6
- (b) Section 7
- (c) Section 8
- (d) Section 9

Itemcode : **PJ1053**

**Q50** Recurring costs including costs of stipends incurred by an employer in connection with basic training imparted to trade apprentices who have undergone institutional training in an institution recognised by the National Council and have passed the trade tests shall be borne by

- (a) The Government
- (b) The Employer
- (c) Equally shared by the Government and the Employer
- (d) The National Skills Mission

Itemcode : **PJ1054**

**Q51** Which of the following is the main responsibility of the National Council for Vocational Training (Formally NCTVT)?

- (a) Prescribing standards and Curricula for craftsman training
- (b) Advising the Government of India on the overall policy and programmes
- (c) Conducting all India Trade Tests
- (d) All of the above

Itemcode : **PJ1055**

**Q52** In terms of Apprenticeship Act, 1961, if a minor is engaged as an apprentice the contract of apprenticeship is to be signed by

- (a) Guardian
- (b) Principal of Institution
- (c) State Director of Craftsman training
- (d) None of the above

Itemcode : **PJ1056**

**Q53** Under the 'Trade Related Entrepreneurship Assistance and Development (TREAD) scheme' for Women there is a

: provision for Government of India Grant upto \_\_\_\_ of the loan/credit as appraised by lending Institutions/ Banks

- (a) 15%
- (b) 25%
- (c) 10%
- (d) 30%

Itemcode : **PJ1057**

**Q54** Which of the following trades was NOT initially offered at ITI Panaji in 1966?

:

- (a) Fitter
- (b) Turner
- (c) Mechanic motor vehicle
- (d) Welder

Itemcode : **PJ1058**

**Q55** In terms of Apprenticeship Act 1961, every apprentice undergoing apprenticeship training in a designated trade in an establishment shall be

- (a) A student
- (b) A worker
- (c) A trainee
- (d) None of the above

Itemcode : **PJ1059**

**Q56** The Mission Directorate of the 'National Skill Development Mission' does NOT have a horizontal linkage with which of the following organisations?

- (a) National Skill Development Agency (NSDA)
- (b) National Skill Development Corporation (NSDC)
- (c) National Science and Technology Entrepreneurship Development Board (NSTEDB)
- (d) Directorate General of Training (DGT)

Itemcode : **PJ1060**

**Q57** Which of the following is NOT a training format under the Centrally Sponsored Centrally Managed (CSCM) Pradhan Mantri Kaushal Vikas Yojana (PMKVY)?

- (a) Short term training
- (b) Recognition of prior learning
- (c) Special Project
- (d) Skill training through Science and Technology

Passage:

Comprehension

Erosion of America's Farm land by wind and water has been a problem since settlers first put the prairies and grasslands under the plough in the nineteenth century. By the 1930's, more than 282 million acres of farmland were damaged by erosion. After forty years of conservation efforts, soil erosion has accelerated due to new demands placed on the land by heavy crop production. In the years ahead, soil erosion and pollution problems it causes one likely to replace petroleum scarcity as the nations most critical natural resource problem.

Itemcode : **PJ1016**

**Q58** As we understand from the reading, today, soil erosion in America

:

- (a) Causes humans to place new demands on the land
- (b) Is worse than it was in the nineteenth century
- (c) Happens so slowly that it is hardly noticed
- (d) Is the most critical problem that the nation faces

Itemcode : **PJ1017**

**Q59** The author points out in the passage that erosion in America

:

- (a) Has damaged 282 million acres ever since settlers first put the prairies and grasslands under plough
- (b) Has been so severe that it has forced people to abandon their settlements
- (c) Occurs only in areas with no vegetation
- (d) Can become a more serious problem in the future

Itemcode : **PJ1018**

**Q60** It is pointed out in the reading that in America

:

- (a) Petroleum is causing heavy soil erosion and pollution problems
- (b) Water is undoubtedly the largest cause of erosion
- (c) Soil erosion has been hastened due to the overuse of farming lands
- (d) There are many ways to reduce erosion