

PAPER-II Aptitude Test for Main
(Lateral Entry)

घोषणा : / Declaration :
मैंने यह संख्या 1 पर दिये गये निर्देशों को पढ़कर समझ लिया है।
(आवेदन पत्र के उत्तरार / as signed in application)

I have read and understood the Instructions given on page No. 1.

योगीश्वरी के हस्ताक्षर / Signature of Candidate
(आवेदन पत्र के उत्तरार / as signed in application)

परीक्षार्थी का नाम /
Name of Candidate :

परीक्षा में युक्त तीहत पृष्ठों की संख्या No. of Pages in Booklet including title	16	संख्य 2 दृढ़ Time 2 Hours	अंक / Marks 400	प्रश्नाकार में प्रश्नों की संख्या No. of Questions In Booklet	100
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परीक्षार्थी के लिए निर्देश / INSTRUCTIONS TO CANDIDATES

परीक्षामें केवल यह प्रश्नाकार को चक्रत रखने की हत्तेली में जीवं विद्या ग्रन्थ दिखते रखने पर बकल (ब्रॉफ़ि) करनी है।
“आप तभी हावसानी करने वाले हैं, यदि आप तभी जानते हैं : आप काम पर जाने के लिए विद्यित हैं, आप निवृत्त अपना काम लेवर से अच्छा करना चाहते हैं, और आप अपने काम के रास्ते को समझते हैं।”

To be copied by the candidate in your own handwriting in the space given below for this purpose is compulsory.
“you will know you are in the right profession when : you wake anxious to go to work, you want to do your best daily, and you know your work is important.”

जन्माधिकारी के लिए निर्देश :

- जी. पू. आर. उत्तर योगिताका ने गोलों तथा सभी प्रियंकियों को समर्पण के लिए केवल नीले या काले बाल ब्लॉडिंग बेन का ही उपयोग करे।
- SECURITY SEAL बोलने के बाहर सभी अध्ययन कागज, अनुक्रमानक (अंकों के) ओ. पू. आर. उत्तर-शीट का क्लिप्पर इस प्रश्न-प्रतिक्रिया के लिए नवे स्थान पर लिखे। यदि वे इस निर्देश का पालन करने से उनकी उत्तर-शीट का मूल्यांकन नहीं हो सकेगा तथा ऐसे अन्यथा लिखित हो जायेंगे।
- प्रत्येक प्रश्न चार उत्तरों का है। जिस प्रश्न का उत्तर नहीं दिया गया है, उस पर कोई अकृत दिक्षा जावधार। गलत उत्तर पर अंक नहीं काटा जाएगा।
- सभी अर्थात् गोलीय प्रश्नों में एक ही विकल्प सही है, जिस पर अंक देव देंगा।
- गणक, लॉग ट्रैब्लू, नोटबुक और इलेक्ट्रॉनिक उपकरण तथा लाइट लूल आदि का प्रयोग बरित है।
- अन्यथा को परीक्षा काम छोड़ने की अनुमति परीक्षा अधिकारी को समर्पित पर ही से जायेगी।
- यदि किसी अध्ययन के पास प्रत्येक या अन्य लिखित या भूमि समझी, तो उसे अपेक्षा दोषित कर दिया जाया सकता है। इसी प्रकार, यदि कोई अध्ययन किसी भी सहायता का लाभ लेने का प्रयास करता हुआ याद जावेगा, तो उसे भी अवृण्य दोषित किया जा सकता है।
- द्वितीय भी अम् की दशा में प्रश्न-प्रतिक्रिया के अंदरूनी अंश को ही सही व अतिन्द्रियमा जावेगा।

Instructions for the Candidate :

- Use BLUE or BLACK BALL POINT PEN only for all entries and for filling the bubbles in the OMR Answer Sheet.
- Before opening the SECURITY SEAL of the question booklet, write your Name, Roll Number (in figures), OMR Answer sheet Number in the space provided at the top of the Question Booklet. Non-compliance of these instructions would mean that the Answer Sheet can not be evaluated leading the disqualification of the candidate.
- Each question carries FOUR marks. No marks will be awarded for unanswered questions. There is no negative marking on wrong answer.
- Each multiple choice question has only one correct answer and marks shall be awarded for correct answer.
- Use of calculator, log tables, mobile phones, any electronic gadget and slide rule etc. is strictly prohibited.
- Candidate will be allowed to leave the examination hall at the end of examination time period only.
- If a candidate is found in possession of books or any other printed or written material from which he/she might derive assistance, he/she is liable to be treated as disqualified. Similarly, if a candidate is found giving or obtaining (or attempting to give or obtain) assistance from any source, he/she is liable to be disqualified.
- English version of question paper is to be considered as authentic and final to resolve any ambiguity.

उत्तर क्रमांक / Roll No.

BC
Q. Booklet Code

प्रश्नपत्र क्रमांक / Question Booklet No. / Code

प्रश्नपत्र क्रमांक / Question Booklet No. / Code

परीक्षा केन्द्राधार की संख्या
Seal of Superintendent of Examination Centre



1 If TEMPLE is coded as VHQQLL,
how would you code CHURCH?

- (A) EKWWIO (B) EKUWIO
(C) EKYWIN (D) EKYWJO

2 Find the odd one out.

- (A) Apple (B) Banana
(C) Cucumber (D) Papaya

6 Find the odd one out from the series

- 835, 734, 642, 741, 853, 981, 532
(A) 751 (B) 642
(C) 853 (D) 981

7 Rajesh starting from his house, goes

- 5 km in the east, then he turns to his left
and goes 4 km. Finally he turns to his
left and goes 5 km. How far is he from
his house and in what direction?

(A) 4 km from his house and in the
north direction

(B) 4 km from his house and in the
south direction

(C) 3 km from his house and in the
north direction

(D) 3 km from his house and in the
south direction

3 Find the odd one out from the series
3, 5, 11, 14, 17, 21

- (A) 3 (B) 5
(C) 14 (D) 21

4 Find the odd one out from the series

10, 25, 45, 54, 60, 75, 80

- (A) 45 (B) 75
(C) 54 (D) 80

5 Find the odd one out from the series
6, 9, 15, 21, 24, 28, 30
(A) 6 (B) 9
(C) 15 (D) 24

6 A girl introduced a boy and said, "He is
the son of the daughter of the father of
my uncle". How is the boy related to the
girl ?

- (A) Brother (B) Nephew
(C) Uncle (D) Son-in-law

SOMMARIO DELL'OPERA DI G. B. VASARI

萬葉集の歌の意味を解説する。歌の意味を理解するためには、歌の文脈や歌の背景を理解する必要がある。

卷之三

卷之三

THE POLYCHAEAE OF THE GULF OF CALIFORNIA

THE CAPITAL OF THE SOVIET UNION

（三）在於此，我們要指出的是：在於此，我們要指出的是：在於此，我們要指出的是：

9 The following question has a main statement from which logical conclusions follow. Select the right conclusion from the options given below :

Statements : In a one day cricket match, the total runs made by a team were 200. Out of these, 160 runs were made by spinners.

- Conclusion : (I) 80% of the team consists of spinners
(II) The opening batsmen were spinners
- (A) Only I follows
(B) Only II follows
(C) Neither I nor II follows
(D) Both I and II follows

10 The following question has a main statement, followed by four statements labelled A, B, C and D. Choose the correct option from which the pair of statements are logically consistent with the main statement.

Statement : You can find goods made in the USA only in the United States.

- (A) I did not find goods made in the USA
(B) I found goods made in the USA
(C) I went to USA
(D) I did not go to USA

Directions for Questions 11-12 : In each of the questions given below, there is a sentence of which some parts have been jumbled up. Choose the proper sequence of arrangement from the given options.

11 He was so kind and generous that

- P : He not only
Q : made others do so
R : but also
S : helped them himself

The correct option would be :

- (A) P S R Q (B) S P Q R
(C) R Q P S (D) Q P R S

12 He said :

- P : Here is the cat
Q : throughout the night

R : which played havoc with things
S : ate the rat

The correct option would be :

- (A) P S R Q (B) S R P Q
(C) R Q P S (D) P R Q S

13 Pointing to Madhav, Varman said, "I am the only son of the sons of his father". How is Madhav related to Varman?

- (A) Nephew
- (B) Uncle
- (C) Father or Uncle
- (D) Father

16 On which of the following day is United Nations World Water Day celebrated?

- (A) January 28
- (B) September 05
- (C) February 28
- (D) March 22

14 Which of the following word appears third in the dictionary?

- (A) Cambodian
- (B) Caliper
- (C) Cake
- (D) Cackle

17 Which of the following team has won the ICC cricket world cup the maximum number of times?

- (A) India
- (B) Sri Lanka
- (C) South Africa
- (D) Pakistan

15 In a certain code, a number 13479 is written as AQJFJL and 5268 is written as DMPN. How is 396824 written in that code?

- (A) QLPNKU
- (B) QLPNMF
- (C) QLPMNF
- (D) QLPNDF

18 Where is the headquarters of ASEAN situated?

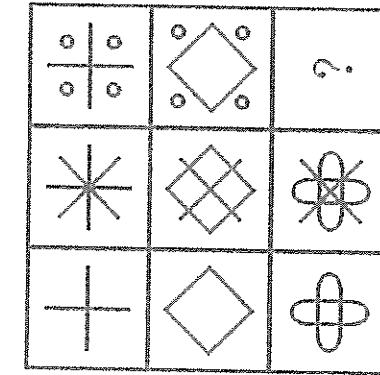
- (A) New York, USA

- (B) Geneva, Switzerland
- (C) South Jakarta, Indonesia
- (D) Malaysia

19 "Brief History of Time" is written by :

- (A) Stephen Hawking
- (B) Amitay Ghosh
- (C) Khushwant Singh
- (D) R. K. Narayan

20 Select a suitable figure to complete the figure matrix :



21 Grand Central Terminal, Park Avenue, New York is which of the following?

- (A) Largest Railway Station
- (B) Highest Railway Station
- (C) Longest Railway Station
- (D) None of these

22 The famous "Sun Temple" is located in :

- (A) Bihar
- (B) Orissa
- (C) Tamil Nadu
- (D) Andhra Pradesh

23 The famous "Golden Temple" is located in:

- (A) Ludhiana
- (B) Jalandhar
- (C) Kapurthala
- (D) Amritsar

24 Who is the Indian woman badminton player to became number one in the world?

- (A) Saina Nehwal
- (B) Aparna Popat
- (C) Madhumita Bisht
- (D) P. G. Sandhu

25 The famous leaning tower of Pisa is in :

- (A) France
- (B) England
- (C) Russia
- (D) Italy

27 Philology is the study of:

- (A) Bones
- (B) Muscles
- (C) Architecture
- (D) Languages

28 Who, among the following, was the last Governor General of India

- (A) Pandit Jawaharlal Nehru
- (B) S. Radhakrishnan
- (C) C. R. Rajagopalachari
- (D) Lokmanya Tilak

29 Amnesty International is :

- (A) An organisation dealing with human rights
- (B) An organisation for the upliftment of the poor and needy
- (C) An organisation for freedom of press
- (D) None of the above

[11]

6

P.T.O.

30 In India, seats are reserved for women in

- (A) Lok Sabha (A) a form of Carbon
- (B) State Legislative Assemblies (B) an alloy of Iron
- (C) Cabinets (C) an alloy of Aluminium
- (D) Panchayati Raj Bodies (D) an alloy of Gallium

33 Graphite is :

- (A) a form of Carbon
- (B) an alloy of Iron

31 The Elephanta caves found in Ellora are an example of

- (A) Buddhist Architecture (A) Flute
- (B) Chola Architecture (B) Shehnai
- (C) Pallava Architecture (C) Sarod
- (D) None of these (D) Tabla

34 The name of Bismillah Khan is associated with

32 Washing Soda is the common name for?

- (A) Sodium Carbonate (A) Madhya Pradesh
- (B) Calcium Carbonate (B) Rajasthan
- (C) Sodium Bicarbonate (C) Andhra Pradesh
- (D) Calcium Bicarbonate (D) Tamil Nadu

35 The pink city of India is the capital of

36 Wimbledon Trophy is associated with :

- (A) Football
- (B) Tennis
- (C) Cricket
- (D) Hockey

39 Name the smallest addressable set of bits of the computer memory.

- (A) Byte

- (B) Word

- (C) Pixel

37 The Wheel seen in the middle strip of the Indian National Flag has how many number of spokes ?

- (A) 24

- (B) 20

- (C) 48

- (D) 18

40 Monarchy means
(A) A form of government headed by a dynastic ruler

38 Sarnath is well known because of

- (A) Oil refineries
- (B) Holy place for buddhists
- (C) Ancient capital
- (D) Big steel plant

- Directions for Q.46 - Q.49 : Two words are given which have a certain relationship to each other. Select the pair which has the same relationship.**
- 41 Which word is the antonym for the word "Rich" ?
 (A) Poor (B) Famous
 (C) Miserable (D) Full
- 42 The one word which is the synonym of the word "wet" :
 (A) Rainy (B) Sunny
 (C) Dry (D) Stormy
- 43 Insert the missing word in the following sentence :
 _____ shall I say is calling?
 (A) Whose (B) Who
 (C) Who's (D) How
- 44 The man to *who* I sold my house was a cheat
 (A) whom I sell (B) who I sell
 (C) who I sold to (D) whom I sold
- 45 There was no city so famous *like* the city of Ujjain.
 (A) as (B) such as
 (C) likewise (D) as like
- Directions for Q.46 - Q.49 : Two words are given which have a certain relationship to each other. Select the pair which has the same relationship.**
- 46 Light : Blind
 (A) Speech : Mute
 (B) Language : Deaf
 (C) Speech : Dumb
 (D) Voice : Vibration
- 47 Ten : Decimal
 (A) Seven : Septet
 (B) Four : Quartet
 (C) Two : Binary
 (D) Five : Quince
- 48 Gravity : Pull
 (A) Iron : Metal
 (B) Magnetism : Attraction
 (C) Dust : Desert
 (D) North Pole : Directions
- 49 Filter : Water
 (A) Curtail : Activity
 (B) Expunge : Book
 (C) Edit : Text
 (D) Censor : Play

- 50 Choose the sentence which has a grammatical error
(A) If I had known
(B) This yesterday
(C) I will have helped him
(D) I do this well

55 Synonym of "Moving" ?
(A) Taking
(C) Shifting
(D) Turning

- 51 Choose the sentence which has a grammatical error.
(A) One of the members
(B) Expressed doubt if
(C) The minister was an honest man
(D) Disciplined students

56 Antonym of "Artificial" ?
(A) Red
(C) Truthful
(D) Solid

- 57 "To keep one's temper" means
(A) To become too angry
(B) To be in good mood
(C) To be in bad mood
(D) To be temporary

Select the correct spelling in Q. 52 and Q. 53:

- 52 (A) Pessenger
(B) Passenger
(C) Pasanger
(D) Pesanger

- 58 "To drive home" means
(A) To find out one's home address
(B) To return home
(C) Back to original
(D) To emphasize

- 53 (A) Faithfuly
(B) Trueley
(C) Sincerely
(D) Affectionatly

- 59 "Gift of the gab" means
(A) Talent for speaking
(B) Talent for writing
(C) Talent for painting
(D) None of the above



Directions for Q. 60 - Q. 61 : Pick out the most effective word(s) from the given options to fill in the blank to meaningfully complete the sentence.

- 60 I haven't eaten a mango _____ a long while.
(A) from (B) since
(C) for (D) until

- 61 Man must _____ to stop pollution.
(A) act (B) operate
(C) behave (D) perform

Directions for Q. 62 - Q. 63 : Fill in the two blank spaces in the sentence in the same sequence to make a meaningful sentence.

- 62 Do women _____ leadership differently than men do? And if so, will feminine leadership succeed where _____ leadership did not?
(A) undertake, authoritarian
(B) undertake, masculine
(C) undertake, traditional
(D) charismatic, undertake

- 63 Watermelons _____ to India by the 4th century A.D. Sushruta, the great Indian physician _____ wrote Sushruta Samhita explains the medicinal properties of watermelons.
(A) came, who (B) came, certainly
(C) arrived, when (D) arrived, whom

Directions for Q. 64 - Q. 65 : In each incomplete sentence given, choose the option which completes the sentence in a meaningful way.

- 64 I felt somewhat more relaxed
(A) but tense as compared to earlier
(B) and tense as compared to earlier
(C) as already there was no tension at all
(D) and tension free as compared to earlier
- 65 Despite his best efforts to conceal his anger
(A) we could make out that he was very happy
(B) he failed to give us an impression of his agony
(C) people came to know that he was annoyed
(D) he succeeded in camouflaging his emotions very easily

- 66 The ratio between the length and breadth of a rectangular park is 3:2. If a man cycling along the boundary of the park at the speed of 12 km/hr completes one round in 8 minutes, then the area of the park in sq.m is
(A) 15360 (B) 153600
(C) 30720 (D) 307200

- 67 What is the least number of square tiles required to pave the floor of a room 15m 17cm long and 9m 2cm broad ?
(A) 814 (B) 840
(C) 844 (D) 820

68 In the first ten overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

- (A) 6.25 (B) 6.50
(C) 6.75 (D) 7.00

69 In a mixture of 60 litres, the ratio of milk and water is 2:1. If this ratio is to be 1:2, then the quantity of water to be further added is :

- (A) 20 litres (B) 30 litres
(C) 40 litres (D) 60 litres

70 A person crosses a 600 m long street in 5 minutes. What is his speed in km/hour?

- (A) 3.6 (B) 7.2
(C) 8.4 (D) 10

71 One km equals to

- (A) 10^5 cm (B) 10^4 cm
(C) 10^6 cm (D) None of these

72 A can do a piece of work in 4 hours, B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?

- (A) 8 hours (B) 10 hours
(C) 12 hours (D) 24 hours

Please read the following and answer the Q. 73 - Q. 76 :

Marks secured by six number of students in various projects conducted during 2011-2012 session.

Group	Project			Project		Project		Total Marks
	no.1	no.2	no.3	no.4	no.5	no.6		
P	60	64	62	66	63	68		383
Q	70	62	68	60	58	68		386
R	66	68	70	72	70	74		420
S	59	60	62	63	65	67		376
T	56	58	60	68	62	65		369
U	62	66	68	58	59	65		378

73 Which of the groups has shown a steady improvement throughout the session ?

- (A) P (B) Q
(C) R (D) S

74 The total marks secured by group S and Group T together was maximum in which project ?

- (A) 5 (B) 2
(C) 3 (D) 6

75 In how many projects did group R secure more than its average marks of the entire session ?

- (A) 1 (B) 3
(C) 2 (D) 4

76 Which group has minimum number of changes in marks of project no 1 compared to project no 1 ?

- (A) T (B) R
(C) S (D) Q

77 Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30 degrees and 45 degrees respectively. If the lighthouse is 100 m high, the distance between the two ships is :

- (A) 173 m (B) 200 m
(C) 273 m (D) 300 m

78 Which one of the following is not a prime number ?

- (A) 31 (B) 61
(C) 71 (D) 91

79 What least number is to be added to 1056 so that the number is divisible by 23 ?

- (A) 2 (B) 8
(C) 18 (D) None of these

80 A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20% ?

- (A) 3 (B) 5
(C) 4 (D) 6

81 $\sqrt{0.4} + \sqrt{0.4}$ equals to

- (A) 12 (B) 14
(C) 16 (D) None of these

82 Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is :

- (A) 9 (B) 11
(C) 13 (D) 15

83 A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally he had :

- (A) 588 apples (B) 600 apples
(C) 672 apples (D) 700 apples

84 In a box, there are 8 red, 7 blue and 6 green balls. One ball is picked up randomly. What is the probability that it is neither red nor green ?

- (A) 1/3 (B) 3/4
(C) 7/19 (D) 8/21

85 $5 \text{ pi by } 6$ equals to

- (A) 130° (B) 140°
(C) 150° (D) 160°

89 A sum of money at simple interest rate of 10% in 5 years becomes 12000. The original sum was

- (A) Rs. 8,000 (B) Rs. 9,000
(C) Rs. 10,000 (D) Rs. 11,000

86 In a flight of 600 km, an aircraft was slowed down due to bad weather. Its average speed for the trip was reduced by 200 km/hour and the time of flight increased by 20 minutes. The duration of the flight is :

- (A) 1 hr (B) 2 hrs
(C) 3 hrs (D) 4 hrs

87 How many of the following numbers are divisible by 132 amongst the numbers 264, 396, 462, 792, 968, 2178, 5184, 6336?

90 Who is the CEO and MD of ICICI?

- (A) Chanda Kochhar
(B) Indra Nooyi
(C) Sudha Murthy
(D) Azim Premji

91 Find the odd one out in the following arrangement of letters :

- (A) CFE (B) JML
(C) UXW (D) SVW

92 In a local club all the members participated in either the mela only or the tambola only. 320 participate in the mela, 350 participate in the Tambola and 220 participate in both. How many members does the club have?

- (A) 410 (B) 550
(C) 450 (D) None of these

93 Pawan said "This girl is the sister of the grandson of my mother". How is this girl related to Pawan?

- (A) Daughter
- (B) Niece
- (C) Sister
- (D) Cannot be determined

Directions for Q. 97 - Q. 99 : Choose the appropriate option that is a necessary part of the underlined word.

- 97 School
- (A) Student
 - (B) Learning
 - (C) Exam
 - (D) Report Card

- 94 Sponge is to porous as Rubber is to :
- (A) Massive
 - (B) Solid
 - (C) Elastic
 - (D) Inflexible

- 98 Pain

- (A) hurt
- (B) cut
- (C) nuisance
- (D) burn

- 95 Look at the series 36, 34, 30, 28, 24, _____, what number comes next?
- (A) 20
 - (B) 22
 - (C) 23
 - (D) 26

- 99 Shoe

- (A) sole
- (B) laces
- (C) walking
- (D) leather

- 96 In the series 301, 303, 306, 310, _____, what number should come next?

- (A) 313
- (B) 314
- (C) 315
- (D) 316

100 In a certain code language "ACCEPT" is written as "CBEDRS". How will "FRIEND" be written in that code?

SPACE FOR ROUGH WORK / शब्द कार्य के लिए स्थान



[11]

16

