

## UGAT SAMPLE QUESTIONS

**Note:** A sample of questions is being provided for making the candidates aware of the style and difficulty level of the questions which have been asked in the past. The sections composition, the type of questions and the areas from which the questions have been asked in the past have varied largely. The topics covered here in the sample is not a true indication of the syllabus and the test may contain questions from all related areas under different sections. The samples are given primarily to help the candidates understand the pattern of the test.

### SECTION-1

#### ENGLISH LANGUAGE

**Instructions:** Read the passage given below and answer questions on the basis of what is written or implied in the passage.

##### 1. PASSAGE

Compact discs (CD) have revolutionised the music industry with their surprisingly realistic sound. The six-inch discs look like thin plastic sandwiches with aluminium at the centre. They have digitally recorded material that is read by laser beams, so the sound has none of the crackling of vinyl records. CDs are also virtually indestructible, and they are lighter and smaller than conventional records. Since their introduction, CDs have become more affordable and widely available. In fact, they are now sold in electronics and video stores that didn't formerly carry records or cassettes.

There has been a phenomenal growth in the sale of CDs. Sales climbed dramatically during the second half of the 1980s. In the 1990s sales have been even greater. CDs have all but replaced records in stores and, in spite of their being less affordable than cassettes, continue to gain in popularity.

The main appeal of CDs is their

- (1) price (2) size  
(3) availability (4) sound

##### 2. SENTENCE CORRECTION:

A sentence has been divided into four parts (1) to (4) Choose the part that has an error.

- (1) between the winner and  
(2) between the runner up  
(3) was a distance of  
(4) over three metres.

##### 3. WORD ANALOGY

PLANT : PARASITE : : ?

- (1) transient : permanent (2) wild : prey  
(3) flora : fauna (4) sailor : pirate

##### 4. SYNONYMS:

MACABRE means

- (1) innocent (2) tarried  
(3) gruesome (4) pleasing

##### 5. ANTONYMS

Word nearest to the opposite of "SOLICITOUS" is

- (1) concerned (2) indifferent  
(3) eager (4) noisy

##### 6. SENTENCE FORMATION

Rearrange the following word groups to make a meaningful sentence:

is	Hindu Sculpture	movement	full of
P	Q	R	S

- (1) QSRP (2) PSRQ  
(3) QPSR (4) RSQP

### SECTION-2

#### NUMERICAL & DATA ANALYSIS

7. The sum of the ages of the father and his son is 48 years. After 21 years father will be twice as old as his son.

Find their present ages?

- (1) 38, 10 (2) 39, 9  
(3) 32, 16 (4) 30, 18

8. In an Electronic Media Survey of group of 30 persons who do watch the news on TV, it was reported that 15 watch the news on channel B, and 26 watch it on channel D. How many do it on both the channels B and D?

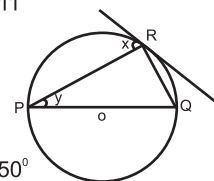
- (1) 30 (2) 26  
(3) 15 (4) 11

9. In the figure, O is the centre of the circle

The value of  $y$  is  $25^\circ$

find  $x$

- (1)  $65^\circ$  (2)  $50^\circ$   
(3)  $25^\circ$  (4) None



**Instruction :** To answer questions 10 & 11 read the data given in the following table :

TABLE

#### Foreign Exchange Reserves of India

In US\$ Million	11/03/94	12/03/93
Foreign currency assets	14017	5662
Gold	3945	3364
SDR's	107	17

**UGAT**

10. What is the percentage increase in Foreign currency assets over the one year period  
 (1) 100 (2) 148  
 (3) 529 (4) None
11. If the dollar is valued at ₹ 32.00 per dollar, what is the SDR reserve in rupees on 11.3.94?  
 (1) 342.4 crores (2) 578.2 crores  
 (3) 448.5 crores (4) 126.2 crores

**SECTION-3**

**REASONING & INTELLIGENCE**

12. SPATIAL DIAGRAM  
 Choose the appropriate for the quadrant in which the question mark appears.
- |    |   |    |    |   |    |
|----|---|----|----|---|----|
| 5  | 4 | 3  | 8  | 9 | 4  |
| 20 | 9 | 24 | 11 | ? | 13 |
- (1) 36 (2) 117 (3) 52 (4) 26
13. ALPHABETIC SERIES  
 Fill in the blank in the series:  
 rst --- rs --- uv -- stu --  
 (1) rstrsts (2) uvtrstu  
 (3) uvtrsuv (4) uvtrvuv
14. CODING/DECODING  
 In a certain code 'CERTAIN' is coded as 'XVIGZRM'  
 How is 'MUNDANE' coded in that language?  
 (1) NFMWZMV (2) VMZWFMN  
 (3) NFMWZMX (4) NFZWFMN

**SECTION-4**

**GENERAL KNOWLEDGE**

15. What is the currency of El Salvador?  
 (1) Peso (2) Colon (3) Forint (4) Vatu
16. What is the name of Sweden's Parliament?  
 (1) Storting (2) Knesset (3) Staten (4) Sejm
17. Who wrote 'To kill a Mockingbird' ?  
 (1) Harper Lee (2) Douglas Stewart  
 (3) Robert Ludlum (4) R.K. Narayan

**SECTION-5**

**SERVICE APTITUDE**

18. You are the leader of a group and a new member joins it. How would you make the member comfortable?  
 (1) By making the job interesting to him and by praising him when he does well.  
 (2) Correcting him tactfully when he shows his weak points.

- (3) Giving him a complete set of instructions to study.  
 (4) Explaining what the job requires, and then allowing him to develop his own methods.
19. Which one of the following opinions is correct according to you?  
 (1) There is only one method of solving any problem.  
 (2) There may be equally good methods of solving any problem.  
 (3) Your methods of solving the problem are always the best.  
 (4) None of these
20. To take a leave you would  
 (1) Tell the employer the genuine reason.  
 (2) Never tell him the genuine reason.  
 (3) Tell such a reason which seems to be justified.  
 (4) Tell him such a reason which leaves him with no choice.
21. 'Reservation' in your opinion, should be based upon  
 (1) sex (2) poverty  
 (3) religion (4) caste
22. Providing service to people would imply  
 (1) good insight (2) planning  
 (3) public dealing (4) dutifulness

**SECTION-6**

**SCIENTIFIC APTITUDE**

23. We always get real image in a convex lens if object is situated beyond  
 (1) optical center (2) focus  
 (3) center of curvature (4) None of these
24. Substance which alters the rate of reaction is called  
 (1) activator (2) initiator  
 (3) promoter (4) catalyst
25. Life of RBC in human blood is of  
 (1) 30 days (2) 60 days  
 (3) 120 days (4) 15 hours
26. Entomology deals with the study of  
 (1) minerals (2) fossils  
 (3) insects (4) birds
27. Which one of the following is a vector quantity?  
 (1) Force (2) Area  
 (3) Volume (4) Density