

**002 - Soft Skill Development-II**

P. Pages : 2

Time : Two Hours



**GUG/W/24/14293**

Max. Marks : 60

- Notes : 1. All questions are compulsory.  
2. All questions carry equal marks.

1. a) The population of a place increased to 54,000 in 2003 at a rate of 5% per annum. **12**  
i) Find the population in 2001.  
ii) What would be its population in 2005?

**OR**

- b) Solve the following. **12**

- i) Find the simple Interest on Rs. 68,000 at  $16\frac{2}{3}\%$  per annum for 9 months.  
ii) Find simple Interest on ₹3000 at  $6\frac{1}{4}\%$  per annum for the period, 4<sup>th</sup> Feb, 2009 to 18<sup>th</sup> April 2009.  
iii) A sum at simple Interest at  $13\frac{1}{2}\%$  per annum amounts to rupees 2502.50 after 4 years, find the sum.  
iv) The simple Interest accrued on amount of ₹2500 at the end of 6 years is ₹1875. What would be simple Interest accrued on amount of ₹6875 at the same rate and for the same period?

2. a) 5 men can prepare 10 bags in 6 days working 6 hours a day. Then how many days can 12 men prepare 16 bags working 8 hours per day? **12**

**OR**

- b) Solve the following. **12**

- i) Train Travels 82.6 km/hr. How many meters will it travel in 15 minutes?  
ii) How many minutes does Aditya take to cover a distance of 400 m, if he runs at a speed of 20 km per hour?

3. a) Five friends A, B, C, D and E travelled from Tamil Nadu to five different states Uttar Pradesh, Maharashtra, Rajasthan, Karnataka and Punjab by 5 different modes of transport : Cycle, Bus, Train, Truck and Bike. The one who travelled to Rajasthan did not travel by Bike. C went to Karnataka by Truck and B went to Maharashtra by Train. D travelled by Bike and E travelled by Bus. **12**  
Tamil Nadu is not connected by cycle to Uttar Pradesh and Rajasthan.  
What means of Transport did C use? Which state did E travel to?

**OR**

- b) What is non-verbal Reasoning? How does non-verbal Reasoning differ from verbal Reasoning? **12**
4. a) From a certain point, Smriti walks 70m towards the south. Then, she turns to her right & starts walking straight for another 70m. Then, again turning to her left he walks for 60m. She then turns to her left & walks for 70m. How far is she from the starting point? **12**

**OR**

- b) What are the different types of English vocabulary exercises. **12**
5. a) If Roger can do a piece of work in 8 days and Antony can complete the same work in five days. In how many days will both of them together complete it? **3**
- b) 'A' and 'B' together can complete a piece of work in 15 days and B alone in 20 days. In how many days can 'A' alone complete the work? **3**
- c) Short Answers. **3**  
Rearrange the words to make a meaningful sentence.  
i) Inside/grandeur/the palace hall/ it was/all  
ii) Animal/matters/our vision/a world/should be/where/welfare
- d) Change the active voice to passive voice: **3**  
i) They played basketball.  
ii) She did not help me.

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