GATE Questions 14

1

d) accomodate

d) towards

EE24BTECH11012 - Bhavanisankar G S

1) I am not sure if the bus that hasbeen booked will be able to all the students.

c) fill

c) with

b) deteriorate

b) about

2) The passengers were angry the airline staff about the delay.

3) The missing number in the given sequence 343, 1331, , 4913 is

a) sit

a) on

,	Ç	•		
a) 3375	b) 2744	c) 2197	d) 4096	
	ow long (in minutes		can mow the same la Y, if they work togeth	
a) 60	b) 80	c) 90	d) 120	
5) Newspapers a that I read m		of delight and recreat	ion for me. The trou	ble is
a) even, quiteb) even, too		c) only, quited) only, too		
6) How many in	tegers are there betw	een 100 and 1000 all	of whose digits are ev	ven ?
a) 60	b) 80	c) 100	d) 90	
4:3. The total	percentage of candi	-	pated in an examinati examination is 80 an boys who passed is	
a) 55.50	b) 72.50	c) 80.50	d) 90.00	
		up of researchers sugg ut women feel more g	gests that men are as uilty about shopping.	prone

Which one of the following statements can be inferred from the given text?

a) Some men and women indulge in buying on impulseb) All men and women indulge in buying on impulse

,	_	ge in buying on impuls	se			
fractions where	the numerators	d $Y = \{2, 3, 4\}$ we conbelong to set X and thing minimum and max	ne denominators belor	ng to set		
a) $\frac{1}{12}$	b) $\frac{1}{8}$	c) $\frac{1}{6}$	d) $\frac{3}{8}$			
 10) Consider five people - Mita, Ganga, Rekha, Lakshmi and Sana. Ganga is taller than both Rekha and Lakshmi. Lakshmi is taller than Sana. Mita is taller than Ganga. Which of the following conclusions are true? A. Lakshmi is taller than Rekha. B. Rekha is shorter than Mita. C. Rekha is taller than Sana. D. Sana is shorter than Ganga. 						
a) 1 and 3		c) 2 and 4				
b) 3 only		d) 1 only				
11) The inverse Laplace transform of $H(s) = \frac{s+3}{s^2+2s+1}$ for $t \ge 0$ is						
a) $3te^{-t} + e^{-t}$		c) $2te^{-t} + e^{-t}$	t			
b) $3e^{-t}$		c) $2te^{-t} + e^{-t}$ d) $4te^{-t} + e^{-t}$	t			
12) M is a 2×2 matrix with eigen-values 4 and 9. The eigen values of M^2 are						
a) 4 and 9		c) -2 and -3				
b) 2 and 3		d) 16 and 81				
13) The partial differentiation equation						
$\frac{\partial^2 u}{\partial t^2} - c^2 \left(\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} \right) = 0, c \neq 0$						

c) Poisson's equation

d) Laplace equation

c) Few men and women indulge in buying on impulse

is known as

a) heat equation

b) wave equation