

### INSTRUCTIONS

**Please read the instructions carefully before starting the exam.**

1. There are two test booklets – **Test Booklet 1** and **Test Booklet 2**
2. **Test Booklet 1** has two parts :- Part-I and Part-II.
  - a. *Part - I* has four sections: **A, B, C & D**. All questions in this section have only one most appropriate answer. Each wrong answer will get  $\frac{1}{4}$  **negative marks**. Un-attempted questions do not carry negative marking.
  - b. *Part - II* has two questions. **Answers to Part - II are to be written in the space provided in the booklet. Use blue/black pen only.** Ensure that your handwriting is legible.
3. **Test Booklet 2** has three sections: E, F and G. There is no right or wrong answer in this part. Your answer sheet will not be evaluated if you fail to answer **ALL** the questions in this booklet.
4. All questions in Test booklet 2 and **Part - I** of Test Booklet 1 have to be marked **on the OMR sheet provided. Use only HB pencil to mark your answers on the OMR sheet.** Select only one option for answering each question. To change your answer - erase the previous option completely before selecting a new option.

# PART - I

## SECTION – A

### *Direction for Questions 1-15 :*

Each question consists of four clues and against the set of four clues, five alternatives are given. Amongst all these five alternatives, there is only one alternative that is associated with all of the four clues in some manner. This alternative is the right answer. Your task is to choose the right answer from the alternatives given.

For example in the sample problem, alternative B “**mind**” is related to all the four clues as follows: **i)** mind blowing **ii)** mindset **iii)** out of mind and **iv)** mind and brain are used interchangeably. In that case, you have to mark alternative B against corresponding question in the **OMR sheet**.

### Sample Question

	Clues	Alternatives
	(i) Blowing	(A) Rind
	(ii) Set	(B) Mind
	(iii) Out	(C) Wind
	(iv) Brain	(D) Get
		(E) Sight

	Clues	Alternatives
<b>1</b>	i Sheet	A Metal
	ii Coat	B Sheep
	iii Ban	C Blanket
	iv Cover	D Electric
		E Soldier
<b>2</b>	i Displace	A Fan
	ii Cold	B Misplace
	iii Fresh	C Hot
	iv Imitate	D Copy
		E Coffee
<b>3</b>	i Narrow	A Creek
	ii River	B Ocean
	iii Water	C Vast
	iv Sea	D Green
		E Fish

**Clues****Alternatives**

<b>4</b>	i	Mark	A	Cheek
	ii	Tongue	B	Teeth
	iii	Dare	C	Book
	iv	Bone	D	Pink
			E	Devil
<b>5</b>	i	Eyes	A	Sea
	ii	Rock	B	Famous
	iii	Hair	C	Band
	iv	Safe	D	Air
		E	Lock	
<b>6</b>	i	Salt	A	Solution
	ii	Difficult	B	Result
	iii	Problem	C	Lock
	iv	Key	D	Tablet
		E	Answer	
<b>7</b>	i	Arrow	A	Kill
	ii	Look	B	King
	iii	Lion	C	Myth
	iv	Hunt	D	Beyond
		E	Bow	
<b>8</b>	i	Pup	A	Dog
	ii	Flour	B	Cup
	iii	Cover	C	Bed
	iv	Pluck	D	Cake
		E	Sun	
<b>9</b>	i	Cat	A	Villain
	ii	Wheel	B	Ramp
	iii	Vamp	C	Cart
	iv	Model	D	House
		E	Pot	

		<b>Clues</b>		<b>Alternatives</b>
<b>10</b>	i	Leg	A	Arm
	ii	Protect	B	Spoil
	iii	Wing	C	Bird
	iv	Mar	D	Man
			E	Last
<b>11</b>	i	Fee	A	Charge
	ii	Salute	B	Tax
	iii	Unbalance	C	Tip
	iv	Cue	D	Corruption
			E	Bend
<b>12</b>	i	Fair	A	Trust
	ii	Care	B	Love
	iii	Warm	C	Dusky
	iv	Fall	D	Snow
			E	Cold
<b>13</b>	i	Punishment	A	Snore
	ii	Sleep	B	Nap
	iii	Linen	C	Gown
	iv	Down	D	Lie
			E	Jail
<b>14</b>	i	Draft	A	Over
	ii	Rove	B	Role
	iii	Board	C	Iron
	iv	End	D	Tunnel
			E	Rough
<b>15</b>	i	Gum	A	Resin
	ii	Snow	B	Lid
	iii	Foot	C	Boot
	iv	Trunk	D	Bear
			E	Tree

**Direction for Questions 16-20 :**

Each question consists of a statement followed by two assumptions I and II. Consider the statement and decide which of the assumptions are implicit in forming the statement.

**Select option :**

- (A) if only assumption I is implicit.
- (B) if only assumption II is implicit.
- (C) if either I or II is implicit.
- (D) if neither I nor II is implicit.
- (E) if both are implicit.

**16 Statement :** Number of entertainment channels have multiplied.

- Assumptions :**
- I . There were inadequate number of TV channels in the past.
  - II. There were a fewer number of TV channels in past.

**17 Statement :** One of the core values of Indian Culture is respect for elders.

- Assumptions :**
- I. There are some values which are not core to Indian Culture.
  - II. Indians obey elders.

**18 Statement :** Perception is the result of sensation and beliefs.

- Assumptions :**
- I. Perception is determined by beliefs.
  - II. Perception results out of interaction between sensation and beliefs.

**19 Statement :** His suspension could be revoked after the inquiry.

- Assumptions :**
- I. His suspension needs to be revoked.
  - II. His suspension will not be revoked.

**20 Statement :** Indian citizens have a right to vote.

- Assumptions :**
- I India is a democratic country.
  - II India is not a democratic country.

**Direction for Questions 21-25 :**

Each question is followed by two statements which may or may not contain data necessary to answer the question. Choose the option that lists / list the statement(s) containing necessary data.

**Select option :**

- (A) If only statement I is required to answer the question
- (B) If only statement II is required to answer the question
- (C) If both I and II are required to answer the question
- (D) If either I or II is required to answer the question
- (E) If neither I nor II is required to answer the question

**21. Question :** Is the climate of Area A hot and humid?

- SI.** Most of the people in Area A are suntanned.
- II.** Most of the people in Area A wear cotton clothes.

**22. Question :** Is XYZ school a communications management school?

- I.** Most of the students of XYZ school join Advertising and PR agencies.
- II.** Curriculum of XYZ school focuses on Communication and Management.

**23. Question :** Was A the cause of the accident?

- I.** A's car smashed against B's car.
- II.** 'B' started fighting with 'A'.

**24. Question :** Is Ravi not able to go to school often because of bad health?

- I.** Ravi falls sick quite frequently.
- II.** Ravi is unable to attend school regularly.

**25. Question :** Is Sita an employee of organization Pique?

- I.** All the women in Pique wear yellow sarees.
- II.** Sita wears a green saree.

**Direction for Questions 26-35 :**

Each question consists of figures in a sequence. Identify the missing figure (?) from among the five options given at the end of each sequence and mark the answer in the OMR sheet.

**Problem Figure**

**Answer Figures**

(A) (B) (C) (D) (E)

26

x O x	O x	□ Δ O	O Δ		?
	□		A	O A 0	

C	S	S	x	O
0 A 0	0 O	0 A 0	0 C	0 A

27

—	—	—	—	—	?
○—	○—	○—	○—	○—	
→	→	→	→	→	

—	—	—	—	—
○—	○—	○—	○—	○—
→	→	→	→	→

28

/	/	/	/	//	?
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//	//	/	/	/	//
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29

R↑ΔO	ΔOR↑	OR↑Δ	↑ΔOR	ΔOR↑	?
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OΔ↑R	R↑ΔO	↑ROΔ	OR↑Δ	ΔO↑R
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30

↗↘	↗↘	↖↙	↗↘	↗↘	?
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↗↘	↗↘	↕↔	↔↕	↗↘
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31

←	↖	→	↗	↘	?
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↖	↓	↑	↓	↓
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32

↑	↗	↔	↔	↔	?
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↔	↔	↔	↔	↔
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33

○	○	○	○	○	?
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○	○	○	○	○
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34

✳	✳	✳	✳	✳	?
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↖	↖	↗	↗	↖
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35

O	□	□	Δ	●	?
C	○	Δ	Δ <sup>x</sup>	● x	

●	E	→	●	●
E	●	E	C	□

## SECTION - B

- 1 Which company among the below has recently parted ways from its Japanese partner?  
(A) Kinetic Engineering Ltd  
(B) Munjals  
(C) Maruti  
(D) JWT
- 2 Clear light of the day; In Custody and Fasting; Feasting, were 3 books shortlisted for Booker Prize. Who has written these books?  
(A) Anita Desai; Sonny Mehta; Gita Mehta  
(B) Kiran Desai  
(C) Anita Desai  
(D) Kiran Desai; Sonny Mehta; Gita Mehta
- 3 More than half of India's population is \_\_\_\_\_ years. About 40 percent of the population is \_\_\_\_\_ years.  
(A) below 25; below 18  
(B) above 70; below 18  
(C) above 25; above 18  
(D) below 40; below 25
- 4 Dolphin is the national aquatic animal also called as Susu in \_\_\_\_\_.  
(A) India  
(B) Taiwan  
(C) Japan  
(D) Philippines
- 5 Match the following:
- |     |           |    |                  |
|-----|-----------|----|------------------|
| I   | NDTV      | A1 | Rajdeep Sardesai |
| II  | CNN IBN   | A2 | Kishor Ajwani    |
| III | Star News | A3 | Prannoy Roy      |
| IV  | India TV  | A4 | Suresh Ajgaokar  |
- (A) I-A1; II-A3; III-A2; IV-A4  
(B) I-A3; II-A1; III-A4; IV-A2  
(C) II-A1; II-A3; III-A2; IV-A4  
(D) None
- 6 Why are satellites used in today's times?  
(A) Nuclear energy  
(B) Communication  
(C) Monitoring  
(D) (B) and (C)



7 Match the following:

I	Mother Pious Lady	A1	Rama Bijapurkar
II	The immortals of Meluha	A2	Santosh Desai
III	We are like that only	A3	Amish Tripathi
IV	Stay Hungry Stay Foolish	A4	Rashmi Bansal

- (A) I-A2; II-A3; III-A1; IV-A4  
(B) I-A1; II-A3; III-A2; IV-A4  
(C) I-A4; II-A3; III-A4; IV-A4  
(D) None

8 Match the following:

I	Lowe	A1	Media Agency
II	Synovate	A2	Ad Agency
III	Karat	A3	Data Analytics firm
IV	Fractal	A4	Market Research Agency

- (A) I-A2; II-A1; III-A4; IV-A3  
(B) I-A2; II-A3; III-A1; IV-A4  
(C) I-A4; II-A1; III-A2; IV-A3  
(D) I-A2; II-A4; III-A1; IV-A3

9 Match the following:

I	Flickr	A1	Reid Hoffman
II	Twitter	A2	Ludicorp
III	LinkedIn	A3	Jack Dorsey
IV	MySpace	A4	Lorenz Bogart
V	Netlog	A5	Tom Anderson

- (A) I-A2; II-A3; III-A1; IV-A5; V-A4  
(B) I-A3; II-A1; III-A2; IV-A5; V-A4  
(C) I-A4; II-A1; III-A5; IV-A3; V-A2  
(D) None

- 10 Which of the following industries is the second largest foreign exchange earner in India?
- (A) Information technology
  - (B) Diamond
  - (C) Tobacco
  - (D) Tourism
- 11 Amitabh Bachchan inaugurated the 10<sup>th</sup> International Indian Film Academy Weekend at Macau by planting a \_\_\_\_\_, the official flower of both India and Macau.
- (A) Rose
  - (B) Lotus
  - (C) Jasmine
  - (D) Brahma Kamal
- 12 Europe is the only continent without deserts. Deserts are classified as areas that \_\_\_\_\_
- (A) get less than 25 cm. of rain a year
  - (B) have less than 60 percent humidity
  - (C) have bright sand
  - (D) have no vegetation
- 13 The Thomsons Corporation merged with \_\_\_\_\_ for \$17.58 billion in December 2009
- (A) Reuters Group PLC
  - (B) Berkery Noyes
  - (C) United Business Media Limited
  - (D) Warburg Pincus
- 14 In \_\_\_\_\_, Honda ended its Joint venture with \_\_\_\_\_
- (A) 2010; Munjal's Hero
  - (B) 1998; Kinetic Engineering
  - (C) Both (A) and (B)
  - (D) None

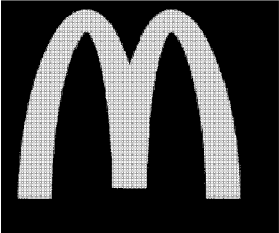
15 \_\_\_\_\_ is the top destination in the world for tourists, accounting for 11 percent of all tourist arrivals worldwide.

- (A) Switzerland
- (B) France
- (C) Hongkong
- (D) Thailand

16 Match the following:

I  A1 Carylon Davidson

II  A2 Jim Schindler

III  A3 Gabrielle Bonheur

IV  A4 Atul Pande

A5 Atul Kasbekar

- (A) I-A4; II-A1; III-A2; IV-A3
- (B) I-A4; II-A3; III-A1; IV-A2
- (C) I-A4; II-A2; III-A1; IV-A3
- (D) I-A5; II-A1; III-A2; IV-A3

17 Match the following:

I	DHL	A1	Something special in the air
II	American Express	A2	Never follow
III	Audi	A3	Do more
IV	Burger King	A4	The way to fly
V	British Airways	A5	Have it your way
VI	American Airlines	A6	Yellow. The new brown

- (A) I-A6; II-A3; III-A2; IV-A5; V-A4; VI-A1  
(B) I-A3; II-A5; III-A2; IV-A1; V-A4; VI-A6  
(C) I-A6; II-A3; III-A5; IV-A2; V-A4; VI-A1  
(D) I-A3; II-A5; III-A1; IV-A2; V-A6; VI-A4

18 Aadhaar is a 16 digit \_\_\_\_\_ replacing \_\_\_\_\_

- (A) Common market identity card; loyalty cards  
(B) Unique identity card; existing identification cards  
(C) Common market identity card; existing identification cards  
(D) Unique identity card; loyalty cards

19 The Soviet Union collapsed into independent nations in the year \_\_\_\_\_ when \_\_\_\_\_ seized power after a failed coup had attempted to topple Soviet leader \_\_\_\_\_.

- (A) 1991; Boris Yeltsin; Mikhail Gorbachev  
(B) 1990; Mikhail Gorbachev; Boris Yeltsin  
(C) 1990; Boris Yeltsin; Mikhail Gorbachev  
(D) 1991; Mikhail Gorbachev; Boris Yeltsin

20 \_\_\_\_\_ refers to the hostility between the USA and the Soviet Union in the decades following World War II. The term was first used in 1947 by the US politician Bernard Baruch.

- (A) Cold war  
(B) Proxy war  
(C) Nuclear warfare  
(D) None

**21** Match the following:

I	Nivea	A1	Snow
II	Nevis	A2	Blue
III	Nirulas	A3	M
IV	Planet	A4	Brand
V	Himalaya	A5	Earth

- (A) I-A2; II-A1; III-A4; IV-A3; V-A5  
(B) I-A1; II-A5; III-A4; IV-A3; V-A2  
(C) I-A2; II-A4; III-A3; IV-A5; V-A1  
(D) I-A1; II-A5; III-A3; IV-A4; V-A2

**22** Match the following:

I	Cuba	A1	Field Hockey
II	Bhutan	A2	Table Tennis
III	China	A3	Cricket
IV	Pakistan	A4	Baseball
V	Grenada	A5	Archery

- (A) I-A4; II-A5; III-A2; IV-A1; V-A3  
(B) I-A4; II-A5; III-A2; IV-A3; V-A1  
(C) I-A2; II-A1; III-A5; IV-A3; V-A4  
(D) I-A3; II-A5; III-A2; IV-A1; V-A4

**23** Which of the following is the Chief Executive Officer of Zee Turner?

- (A) Mark Zuckerberg  
(B) Virad Kaul  
(C) Ajay Maken  
(D) Subhash Chandra

**24** In which Indian city has Facebook opened its office?

- (A) Pune  
(B) Delhi  
(C) Hyderabad  
(D) Bangalore

**25** Which of the following has been awarded 'Most Admired Retailer 2010' award?

- (A) Croma  
(B) Big Bazaar  
(C) Pantaloons  
(D) Westside

## SECTION - C

### Direction for Q. 1-3 :

Ramona set up a catering firm named, DAILY TIFFIN meant to cater lunch to office employees within 5 km from her home. After investing ₹ 100000.00 in building required infrastructure, she could spend ₹ 15000/day till she earns profit from business. Cost of preparing one meal was worked out as follow.

Type	Packing (₹)	Raw Material (₹)	Labour (₹)	Price (₹)
Vegetarian	2	20	5	40
Non-Vegetarian	4	30	8	60

- 1 If Ramona decides to cater a total number of 500 meals per day for the first month, what would be the number of vegetarian and non-vegetarian meals so that profit is maximum ?  
(A) Vegetarian 100, Non Vegetarian 400  
(B) Vegetarian 250, Non Vegetarian 250  
(C) Vegetarian 300, Non Vegetarian 200  
(D) Vegetarian 400, Non Vegetarian 100
- 2 If Ramona continues to cater 500 meals per day, then in how many days, will she recover her investment of infrastructure and daily incurring cost?  
(A) 10 days  
(B) 18 days  
(C) 15 days  
(D) 20 days
- 3 Ramona decides to cater 10 Jain Vegetarian meals. The cost of a Jain meal is ₹ 25.00 and selling price is ₹ 35.00. If total number of meals and total expenses per day remain the same, which of the following is correct ?  
I Ramona would make a loss by catering Jain meals  
II Ramona would make a profit by catering Jain meals  
III Ramona's profit will be reduced by catering Jain meals  
IV Ramona's profit will increase by catering Jain meals  
(A) I only  
(B) II Only  
(C) II and IV  
(D) II and III

- 4 Ajay buys a car paying 25% of the amount as down payment and takes loan for the remaining amount at 9% annual interest rate for 4 years to be repaid by monthly instalment. Ajay paid ₹ 6000 as his first instalment. After paying instalments for two years, Ajay refinanced his remaining loan amount at 6% annual interest rate for 3 years to be paid on easy monthly instalment. How much money did Ajay pay as interest alone?
- (A) ₹ 104475.5  
 (B) ₹ 95235.7  
 (C) ₹ 102155.3  
 (D) ₹ 98000.0
- 5 A cylindrical tank of height 7 m with radius of 3m is to be filled with petrol using the cone of radius 0.5 m and height 1.2 m. If tank is to be fully filled, how many cones needs to be emptied in the tank? ( $\pi=3.14$ )
- (A) 990  
 (B) 950  
 (C) 900  
 (D) 975
- 6 Let  $f(x) = \frac{x}{x-5}$  and  $g(x) = \frac{1}{x}$ . Find the value(s) of  $x$  such that,  $f(x) \leq g(x)$
- (A)  $(-\infty, 0) \cup (5, +\infty)$   
 (B)  $(0, 5)$   
 (C)  $[0, 5)$   
 (D)  $(-5, 0) \cup [1, 5)$
- 7 If  $f^{-1}(y)$  is inverse of function  $f(y)$ , then  $f^{-1}(y)$  of  $f(y) = \frac{y^3 - 27}{y - 3}, y \neq 3$  is,
- (A)  $\pm\sqrt{y-8} - 1$   
 (B)  $\pm\sqrt{y-4} - 1$   
 (C)  $\pm\sqrt{y-9} - 1$   
 (D)  $\pm\sqrt{y-3} - 1$

- 8 If a four digit number is chosen at random, the probability that the product of the digits is 16 is,
- (A)  $\frac{37}{9000}$
  - (B)  $\frac{18}{4500}$
  - (C)  $\frac{72}{4500}$
  - (D)  $\frac{31}{9000}$
- 9 Two buildings, Maruti Vihar and Samarth Sadan are located on the same side of the road. Top floor residents of both the buildings overlook the vendor on the road selling panipuri forming 30 degree angle of depression. Maruti Vihar is three times taller than Samarth Sadan. If height of Maruti Vihar is K meters, what is the distance in meters between Maruti Vihar and Samarth Sadan
- (A)  $\sqrt{3}k$
  - (B)  $\frac{\sqrt{3}}{2}k$
  - (C)  $\frac{1}{3}k$
  - (D)  $\frac{2}{\sqrt{3}}k$

**Direction for 10-11:**

There are three junior auditors; Gajjar, Tarakesh and Ramendu in the office of a charter accountant. Gajjar checked 45% and Tarakesh checked 30% of the total documents. Remaining were checked by Ramendu. Error rate for Gajjar, Tarakesh and Ramendu is 6%, 9% and 4% respectively. The senior auditor picked up a document randomly and found mistakes in auditing.

- 10 What is the probability that document was audited by Gajjar?
- (A) 0.450
  - (B) 0.133
  - (C) 0.025
  - (D) 0.500
- 11 What is the probability that document was audited by either Ramendu or Gajjar?
- (A) 0.024
  - (B) 0.100
  - (C) 0.134
  - (D) 0.293



**Direction for 12-13:**

Three thousand participants of social survey were classified according to their religious belief and level of education as shown in table below.

Education	Religious Beliefs			
	Fundamentalist	Moderate	Liberal	Total
Less than high school	178	180	208	566
High school or College	570	648	442	1660
Graduate	240	270	264	774
<b>Total</b>	<b>988</b>	<b>1098</b>	<b>914</b>	<b>3000</b>

- 12 What is the probability that randomly selected fundamentalist is graduate?  
(A) 0.08  
(B) 0.31  
(C) 0.14  
(D) None of the above
- 13 What is the probability that a randomly selected respondent is liberal and has education less than high school?  
(A) 0.07  
(B) 0.14  
(C) 0.23  
(D) None of the above

**Direction for 14 :**

Two competing companies A and B produce MP3 players. Company A starts production at 1000 MP3 players per week and plans to increase its output by 200 each week. Company B starts production with 500 MP3 players per week and plans to increase its output by 20% each week.

- 14 Total production during the first 10 weeks for company A and B respectively is,  
(A) 36000, 16280  
(B) 19000, 12980  
(C) 19000, 14280  
(D) 36000, 12980

**Direction for 15-16 :**

Manubhai wants to invest in the Stock Market through a Systematic Investment Plan (SIP) fund. If Manubhai invests in SIP for 10 years expecting a return of 7.5% per annum.

- 15 What will be the value of the SIP fund at the end of 10 years for a single deposit of ₹ 2000 per year?  
(A) 35246  
(B) 28294  
(C) 20892  
(D) 30020
- 16 If Manubhai wishes to earn ₹ 40000 at the end of 10 years through SIP fund, how much should he invest every year?  
(A) 1848.5  
(B) 3870.5  
(C) 2827.5  
(D) 4827.5
- 17 Total number of employees in an organization is 729. Management decided to divide the organizational hierarchy into levels so that each supervisor controls three persons. How many levels will be created and how many supervisors will be required at each level of the organization?  
(A) 7 levels, 363 supervisors  
(B) 7 levels, 364 supervisors  
(C) 6 levels, 364 supervisors.  
(D) 6 levels, 243 supervisors
- 18 Three managers are to be assigned three projects considering their ability to complete the projects. Table below exhibits the number of months required for each project by each manager. One manager can handle only one project.

	<b>Completion Time ( No of Months)</b>		
<b>Manager</b>	<b>Project 1</b>	<b>Project 2</b>	<b>Project 3</b>
Gadgil	15	12	8
Bagga	17	9	7
Patel	10	6	12

What will be the minimum number of months required to complete all the projects?

- (A) 21  
(B) 27  
(C) 28  
(D) 25

- 19 Find the values of  $k$  such that following set of equations has solution

$$x + y + z = 1$$

$$x + 2y + 4z = k$$

$$x + 4y + 10z = k^2$$

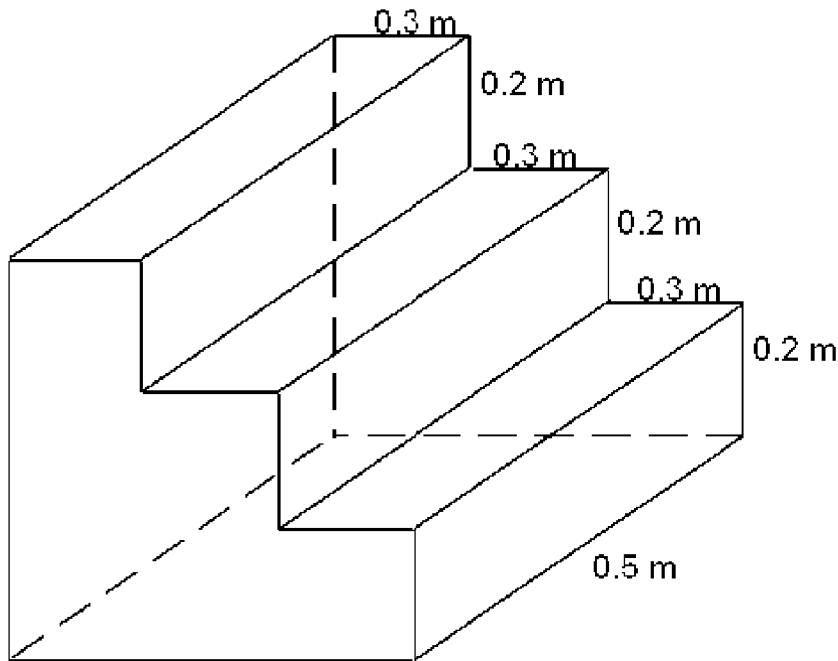
- (A) 1  
(B) 2  
(C) (A) or (B)  
(D) (A) and (B)
- 20 Mina and Sheena are two typists working in a office with the speed of 120 words / minute and 150 words/minute respectively. Both of them were assigned to type the documents with 15000 and 20000 words. Mina started typing at 10:00:00 and had break of 30 minutes for lunch. Sheena started her typing at 13:00:00. At what time (HH:MM:SS) will both of them complete their task?  
(A) Mina at 12:05:00 and Sheena at 14:13:30  
(B) Mina at 12.35:00 and Sheena at 15:13:20  
(C) Mina at 13:35:00 and Sheena at 15:12:20  
(D) Mina at 12:35:00 and Sheena at 15:30:30
- 21 The cost of printing for three daily news papers; Hindu, TOI and Indian Express is ₹ 9, 8.5, 8 per copy respectively. Available advertisement space and its rate for the three newspapers are as given in following table.

Daily	Advertisement space (Column centimetre-CC)	Rate per CC ₹
Hindu	900	4000
TOI	1000	3500
Indian express	800	3000

The number of newspaper copies printed by Hindu, TOI and Indian Express are in ratio of 3:5:2. The day total number of the copies printed by all three dailies was 200000; demand for advertisement space was in ratio 5:3:7. Which of the statements given below is not correct? (Assumption: no of copies printed = no of copies sold)

- (A) All newspapers recovered their printing cost through Advertisement alone  
(B) Indian Express earned minimum profit through advertisement.  
(C) TOI earned maximum profit through advertisement.  
(D) Hindu earned maximum revenue through advertisement alone.

- 22 Following figure shows the structure of steps placed to reach the dais. What size of the carpet is required to cover the entire structure?



- (A)  $1.82 \text{ m}^2$   
 (B)  $2.02 \text{ m}^2$   
 (C)  $2.42 \text{ m}^2$   
 (D)  $2.22 \text{ m}^2$

**Directions for Question 23-24 :**

A manufacturer produces tyre tubes and sells in two cities Mumbai and Delhi. Demand function in Mumbai and Delhi is  $P_1 = 50 - 4X_1$ , and  $P_2 = 80 - 3X_2$  respectively. Where  $P_1$  and  $X_1$  are the price and quantity in Mumbai and  $P_2$  and  $X_2$  are the price and quantity in Delhi.

- 23 What should be the price and quantity of tyre tubes in Mumbai and Delhi Market which maximise the revenue?

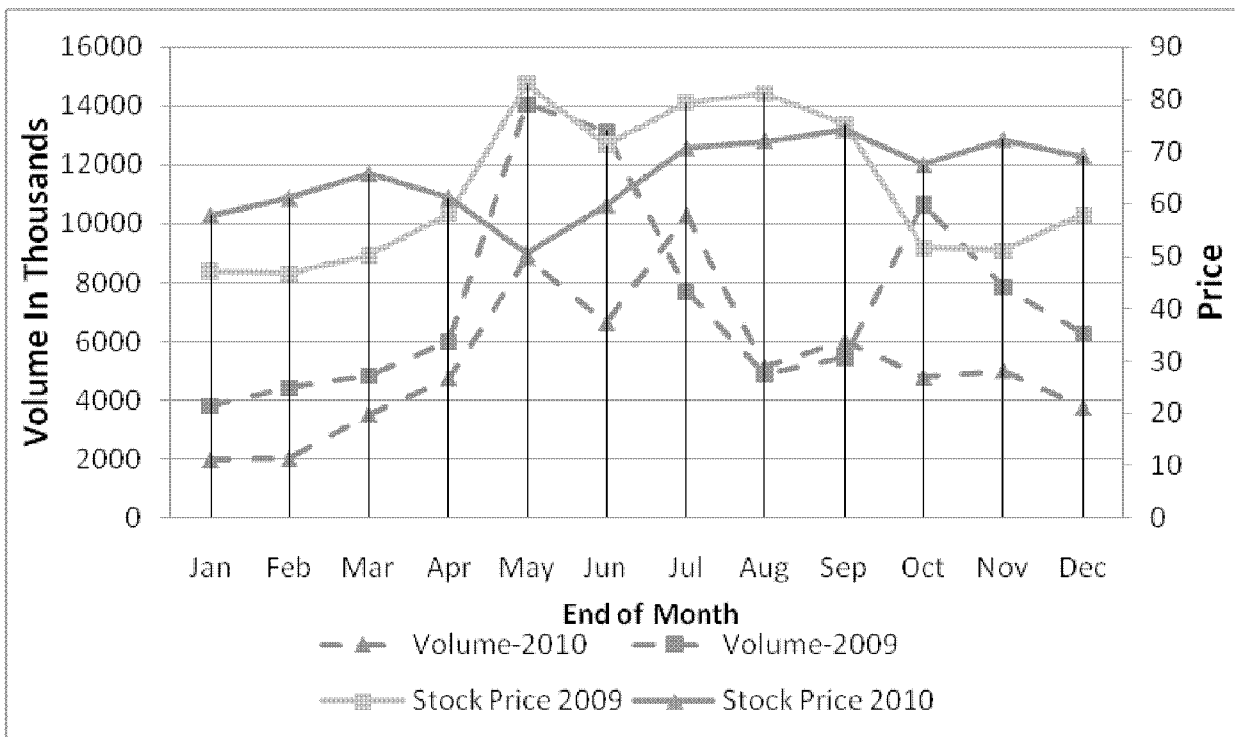
- (A) Price: 50, 80 and Quantity : 25, 75  
 (B) Price: 37.5, 55 and Quantity :  $\frac{25}{2}, \frac{50}{3}$   
 (C) Price: 25, 40 and Quantity :  $\frac{25}{2}, \frac{80}{3}$   
 (D) Price: 25, 40 and Quantity :  $\frac{25}{4}, \frac{40}{3}$

- 24 If manufacturer decides to keep the same price as in Mumbai, then what should be total demand without compromising revenue?
- (A) 19.58  
 (B) 20  
 (C) 27.58  
 (D) 25
- 25 Hulala covers a distance of 340 kilometers between Surat and Porbandar within 5 hours. If Hulala covered the entire distance at a speed of 60 kmph and 80 kmph, how many hours he would have driven at the speed of 60 kmph?
- I 2 hours  
 II 3 hours  
 III 4 hours  
 IV 5 hours
- (A) I only  
 (B) I or II  
 (C) I or III  
 (D) I or IV
- 26 How many times should one hit a number key of the computer keyboard to type the numbers from 1 to 100000?
- (A) 488890  
 (B) 488800  
 (C) 488889  
 (D) 488880
- 27 Japan from Hakka Pikki community was counting the number of heads in the small peri urban area which was occupied by members of his community and camels. The number of heads totalled up to 200. But the number of legs totals up to 540. How many people were there in the small peri urban area?
- (A) 110  
 (B) 120  
 (C) 130  
 (D) 140
- 28 Rajesh in Surat at distance of 500 km from Ahmedabad had to reach his village located at a distance of 104 Km from Ahmedabad at 1400 hours. Rajesh left Surat at 0700 hours and reached Ahmedabad driving at the speed of 90 km/hour. What is the minimum speed he should drive from Ahmedabad to reach his village on time?
- (A) 72 Km/Hour  
 (B) 55 km/ Hour  
 (C) 64 km/Hour  
 (D) 80 km/Hour

- 29 If a train is moving at a speed of 90 kmph crosses a platform in 25 seconds and a man standing on the platform in 16 seconds, what is the length of the platform in meters?
- (A) 250 meters  
 (B) 225 meters  
 (C) 275 meters  
 (D) Cannot be determined

**Direction 30 :**

The following chart shows the monthly stock price and volume transaction for Idea Cellular Limited for year 2009 and 2010 listed on National Stock Exchange. Stock's current Month ending price is considered equal to Stock's next month starting price.



- 30 Strategy for three investors during 2010 is as given below.
- Ajay :** Invests in 50 shares each month for 12 months
- Alok :** Invests ₹ 23200 for one year.
- Anushka :** Invests in 500 shares whenever stock price goes below 55 and sells all the shares whenever the price goes above 70.

Who will earn maximum profit at the end of December 2010, if investor is allowed to buy only in the beginning of the month and sell their stocks only at the end of the month?

- (A) Ajay  
 (B) Alok  
 (C) Anushka  
 (D) Cannot be determined

## SECTION - D

### *Directions for Question 1-4 :*

Read the passage below and answer the questions that follow:

The adult is at one and the same time far superior to the child and very near to him. He dominates everything, but at the same time penetrates into the intimacy of every wish and every thought. So that the child fluctuates between question and request (or prayer) and soliloquy accompanied by a feeling of communion. Sometimes – and this is the last case mentioned – he reacts towards him as a glorified omnipresent *alter ego*. All that the child does he shares with his mother and, from his point of view, there is no frontier separating his ego from her superior ego. In such a case the child's ego-centric speech is greater with the adult than with other children. Sometimes on the contrary – and this is the first case mentioned – the child speaks to his parents as to all powerful wills or as to superior intellects. The child's thought is then able to distinguish between himself and another and becomes socialized, but the relationship thus created is one of inferior to superior, and the spiritual authority of the adult presses with all its weight on the thought of the child.

The playfellow, on the other hand, both resembles and is very different from the child's ego. He is like him because he is his equal in what he can do and in what he knows. But he is very different just because, being on the same level with him, he cannot enter into his most intimate desires or personal point of view as a friendly adult would. The child thus becomes socialized with his contemporaries in quite another way than as with the adult. He fluctuates between two poles: the monologue—individual or collective—and discussion or genuine exchange of ideas, and that is why the child's socialization with his fellows is greater than, or at least different to, his socialization with the adult alone. Where the superiority of the adult prevents discussion and co-operation, the playfellow provides the opportunity for such social conduct as will determine the true socialization of the intelligence. Conversely, where equality between playmates prevents questions and interrogation, the adult is there to supply an answer.

- 1 Why is a child's ego centric speech greater with an adult than with another child?
- (A) He treats adults as a dominant *alter ego*
  - (B) The child fluctuates between question and request in his feeling towards an adult.
  - (C) A child does not view his ego as separate from that of an adult rather treats himself as an extension. Speaking to himself is like speaking to an adult.
  - (D) Adults are intimate to his crazy wish and thought. Ego centric speech is the best way to convey his wishes and thoughts to the adults around him.

2 Match the words and meanings:

1	Communion	a	Talking to oneself
2	Soliloquy	b	Sharing of thoughts and feelings
3	Alter-ego	c	Another side of oneself

- (A) 1b,2a,3c
- (B) 1c,2b,3a
- (C) 1a,2b,3c
- (D) None of these

3 In the passage, author has talked about two types of socialization. Which are these?

- (A) Socialization by mother and playfellows
- (B) Socialization by mother and other adults
- (C) Socialization by alter-ego and adults
- (D) Socialization by adults and children

4 "...he reacts towards him as a glorified alter-ego". In this quote the pronoun 'him' is used for whom?

- (A) Mother
- (B) Father
- (C) Adult
- (D) None of these

**Directions for Question 5-8 :**

Read the passage below and answer the questions that follow:

THE MODERN WORLD has been shaped by its metaphysics, which has shaped its education, which in turn has brought forth its science and technology. So, without going back to metaphysics and education, we can say that the modern world has been shaped by technology. It tumbles from crisis to crisis; on all sides there are prophecies of disaster and, indeed, visible signs of breakdown. If that which has been shaped by technology, and continues to be so shaped, looks sick, it might be wise to have a look at technology itself. If technology is felt to be becoming more and more inhuman, we might do well to consider whether it is possible to have something better—a technology with a human face.

Strange to say, technology, although of course the product of man, tends to develop by its own laws and principles, and these are very different from those of human nature or of living nature in general. Nature always, so to speak, knows where and when to stop. Greater even than the mystery of natural growth is the mystery of natural cessation of growth. There is measure in all



natural things – in their size, speed, or violence. As a result, the system of nature, of which man is a part, tends to be self-balancing, self-adjusting, self-cleansing. Not so with technology, or perhaps I should say: not so with man dominated by technology and specialisation. Technology recognises no self-limiting principle – in terms, for instance, of size, speed or violence. It therefore does not possess the virtues of being self-balancing, self-adjusting, and self-cleansing. In the subtle system of nature, technology, and in particular the super-technology of the modern world, acts like a foreign body, and there are now numerous signs of rejection.

Suddenly, if not altogether surprisingly, the modern world, shaped by modern technology, finds itself involved in three crises simultaneously. First, human nature revolts against inhuman technological, organisational, and political patterns, which it experiences as suffocating and debilitating; second the living environment which supports human life aches and groans and gives signs of partial breakdown; and, third, it is clear to anyone fully knowledgeable in the subject matter that the inroads being made into the world's non-renewable resources, particularly those of fossil fuels, are such that serious bottlenecks and virtual exhaustion loom ahead in the quite foreseeable future.

- 5 By reading the excerpt can we conclude that the world is in crisis because of the metaphysics it has adopted?
- (A) Definitely Yes
  - (B) Definitely No
  - (C) Possibly Yes
  - (D) Possibly No
- 6 According to this excerpt which of the following statements is wrong?
- (A) Nature knows where to stop
  - (B) Nature is self balancing, self adjusting and self cleansing but science is not
  - (C) Man determines the laws and principles of technology development but not of nature
  - (D) None of the above
- 7 Which of the following statements is true?
- (A) Technology can limit itself in times of size, speed and violence
  - (B) Technology is the invasion of aliens on the virtuous world of nature.
  - (C) Education shapes the metaphysics of the world
  - (D) All the above
- 8 What is/are the crisis/es the world is facing?
- (A) Human nature is revolting against the inhuman technology
  - (B) Technology is leading to the breakdown of natural environment
  - (C) Technology is leading to the exhaustion of non renewable resources
  - (D) All of the above

**Directions for use (9—13) :**

*In the following questions, a sentence is given followed by four different ways of phrasing it. Choose the alternative which is grammatically and semantically correct*

- 9** The constitution of India is one of the bulkiest and lengthiest constitutions in the world  
(A) The bulkiest and lengthiest constitution in the world is India.  
(B) Indian constitution is the bulkiest and lengthiest constitution in the world  
(C) Indian constitution figures among the bulkiest and lengthiest constitutions in the world  
(D) India is reported as one of the bulkiest and lengthiest constitution in the world
- 10** In the heterodox and esoteric cults, systems of cryptography were intended to conceal the secret doctrine from the uninitiated and the outsider.  
(A) Riddles and enigmas were used to conceal the ordinary language of ordinary experiences  
(B) It is a process of destroying and reinventing language  
(C) It is just a mental gymnastic  
(D) It is a process of finding a universe of analogies, homologies and double meanings
- 11** If the Mughal hold on the sceptre was weakening there was no lack of applicants for its reversion.  
(A) The Mughals were struggling to hold on and the threat of challengers were high  
(B) The Mughals were on the verge of losing to competition  
(C) The competitors were in plenty and Mughals were weak  
(D) As the threat of challengers increased, the Mughals were struggling to hold on
- 12** Caesar's wife should not only be honest, but should also appear to be honest.  
(A) Caesar's wife should be honest and appear honest  
(B) Caesar's wife should appear honest in addition to being honest  
(C) Caesar's wife can be honest and not appear honest  
(D) Caesar's wife should appear honest even if she is not honest
- 13** To say anything about the long-term prospects of crude oil availability is made invidious by the fact that some thirty or fifty years ago somebody may have predicted that oil supplies would give out quite soon, and look at it, they didn't.  
(A) They are not saying that oil will shortly give out; on the contrary, they are saying that very much more oil is still to be found than has been found to date  
(B) They are saying that oil will not shortly give out and much more oil is still to be found than has been found to date  
(C) Projections about long-term prospects of crude oil availability made in the past are problematical because oil supplies are still sufficient to meet demand now and in future  
(D) Any projections about long-term prospects of crude oil availability made in the past may not be correct because oil supplies show no signs of exhaustion

A ]

***DIRECTIONS for questions 14 to 24 :***

*In each of the following sentences, parts of the sentences have been left blank. Beneath each sentence(s) four different ways of completing the sentence are indicated. From among the given choices choose the best alternative.*

- 14 There are strong indications that within the loose \_\_\_\_\_ of sciences dealing with knowledge and cognition – the cognitive sciences – the conviction is slowly growing that this picture is upside down and that a radical paradigm shift is \_\_\_\_\_.
- (A) unity... imperative
  - (B) federation... imminent
  - (C) organicity... important
  - (D) community... indicative
- 15 Obviously it is not \_\_\_\_\_ true, but it seems a clear indication that guilt (not revenge) was the fuel of Orson Welles's psyche, although it is certainly possible that guilt bred a degree of \_\_\_\_\_.
- (A) literally ... resentment
  - (B) positively... therapy
  - (C) inherently... anguish
  - (D) genetically... agility
- 16 That the city has nightlife means in the most \_\_\_\_\_ sense that it offers a public life and thus finally has the power to lure its people into the streets and sites where they can be – alone and together – away from the \_\_\_\_\_ sphere.
- (A) osmotic ... public
  - (B) obvious ... domestic
  - (C) occluded ... pandemic
  - (D) objectified ... programmatic
- 17 A great city should not be \_\_\_\_\_ in itself: it is located within a great mass of urban systems, both \_\_\_\_\_ them and being in turn determined by them.
- (A) expressed ... perverting
  - (B) elucidated ... pulsating
  - (C) judged ... animating
  - (D) occluded ... poking

- 18 Our microworlds and microidentities do not come all stuck together in one solid, \_\_\_\_\_ unitary self, but rather arise and subside in a \_\_\_\_\_ of shifting patterns.
- (A) homogenized... crescendo
  - (B) skeletal... negation
  - (C) centralized... succession
  - (D) understated... synchrony
- 19 We can say that the world we know is not pre-given; it is, rather, \_\_\_\_\_ through our history of structural coupling, and the temporal hinges that articulate enaction are rooted in the number of alternative microworlds that are \_\_\_\_\_ in every situation.
- (A) assimilated... signaled
  - (B) enacted... activated
  - (C) mechanized... marketed
  - (D) mixed... manipulated
- 20 “I \_\_\_\_\_ you to follow my \_\_\_\_\_” the tutor told the student
- (A) advice, advise
  - (B) advise, advice
  - (C) advice, advice
  - (D) advise, advise
- 21 The injury won't \_\_\_\_\_ her performance but we don't know what would be the \_\_\_\_\_ of the injury in the long run.
- (A) affect, effect
  - (B) effect, affect
  - (C) affect, affect
  - (D) effect, effect
- 22 I would like to be \_\_\_\_\_ about this exam. Hence, I have divided it into \_\_\_\_\_ units so that no one person would know what the other is doing.
- (A) discreet, discrete
  - (B) discreet, discreet,
  - (C) discrete, discrete
  - (D) discrete, discreet

- 23 The government's new \_\_\_\_\_ policy has helped achieve price stability. The company's \_\_\_\_\_ condition has improved since the new management took over.
- (A) fiscal, financial
  - (B) fiscal, fiscal
  - (C) financial, fiscal
  - (D) None of the above
- 24 This hour-long documentary is the story of a photograph: a fascinating story about a \_\_\_\_\_ moment frozen in time.
- (A) fortunate
  - (B) fortuitous
  - (C) fluvial
  - (D) formidable

***Directions for Questions 25-30 :***

*Each question has a sentence followed by four options. Please arrange the four options in a logical sequence in continuation with the given statement:*

- 25 Your letter makes me anxious. On the contrary, medicines should cause tiredness.
- a I have nothing to fear from it.
  - b If you want to take a course in fasting you should stay here.
  - c Fasting can do no harm and should be done for not one or two days but for ten to fifteen days.
  - d In my view fasting is the best of all medicines.
- (A) dacb
  - (B) badc
  - (C) abcd
  - (D) cdab

- 26 I am leaving this place tomorrow for Delhi. I see that you are annoyed with me for delaying the operation on my nose.
- a There isn't a good surgeon in Delhi and I cannot afford to stay in Calcutta.
  - b But I took the opportunity of getting myself examined by Dr Roy and also by a nose specialist.
  - c But I could not help it.
  - d The nose specialist recommends an operation, not for a deviation of the septum but for a permanent drainage in the antrum.
- (A) badc  
 (B) abcd  
 (C) cdab  
 (D) cabd
- 27 Comparative Analysis can be used to generate two basic kinds of theory: substantive and formal.
- a Both types of theory may be considered as "middle-range".
  - b By formal theory, we mean that developed for a formal or conceptual area of sociological inquiry, such as stigma, deviant behavior, formal organization, socialization, status congruency, authority and power, reward systems or social mobility.
  - c By substantive theory, we mean that developed for a substantive or empirical area of sociological inquiry, such as patient care, race relations, professional education, delinquency, or research organizations.
  - d That is they fall between the "minor working hypothesis" of everyday life and the "all inclusive" grand theories.
- (A) cbad  
 (B) dabc  
 (C) abcd  
 (D) cdab
- 28 I have given a brief account of the cities that I have visited but...
- a I/it is difficult for the foreign traders to reach these cities except in the company of some Indians.
  - b T/there are other cities of India like Farzan and Kannauj that lie beyond the desert deep inside the country.
  - c T/they can be compared with African cities like Lamta, Oodghasht, etc.
  - d T/the reason being that they are located at great distance and people who wish to make visit to these places often encounter problems they find difficult to overcome.
- (A) cabd  
 (B) dabc  
 (C) bcad  
 (D) abcd

- 29** For the last many years we have heard enough sermonizing about terror having no religion.
- a Our newspapers give detailed accounts of ISI's 'Operation Gibraltar' and 'Operation Tupac' that aim to inflict a thousand cuts to bleed India to death.
  - b We are told that it is coming from training camps located on the other side of India's border
  - c We do not doubt that.
  - d But terror has a face and terror has an address.

- (A) dcba
- (B) cdba
- (C) abcd
- (D) bcad

- 30** Since 17<sup>th</sup> January, 1946 when the Security Council of United nations held its first session at Church House in London,...
- a T/the democratic and regional deficit in the constitution and the working of Security Council is all too obvious leading to demands to make the world body more democratic and relevant to the times in which we are living.
  - b T/the UN Charter charges the Security Council with the responsibility for the maintenance of global peace and security and its decision is binding on all member states.
  - c T/the council consisting of five permanent and ten elected members is practically dominated by the veto wielding permanent members.
  - d I/it continues to be the most important and powerful organ of the world body.

- (A) abcd
- (B) cbad
- (C) bcad
- (D) dbca







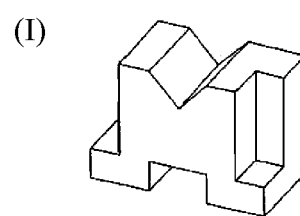
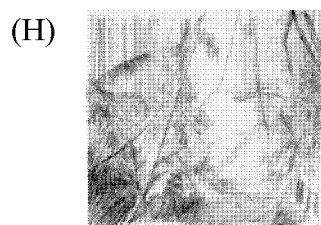
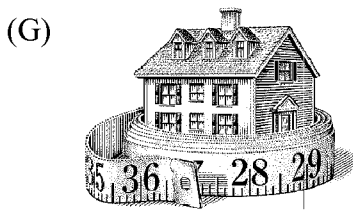
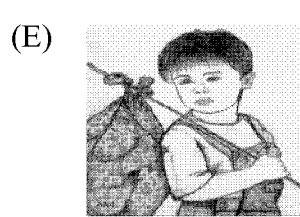
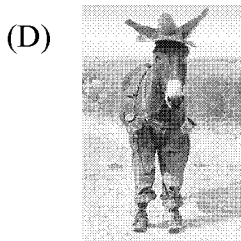
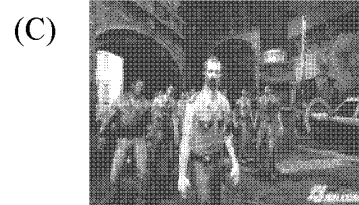
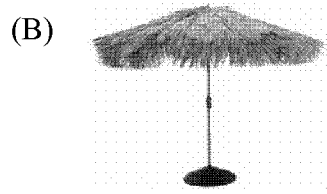
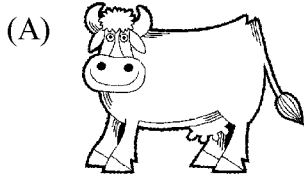








2 Please arrange the following pictures in a sequence in such a way that a story is formed. Write the picture sequence and the story of approximately 300 words in the allocated space. Ensure that all the pictures have been utilized in the story.



Write Picture Sequence :

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