

Directions (1 – 5) : Study the following information carefully and answer the questions given below:

Following are the conditions for selecting Senior Manager – General Banking in a bank:

The candidate must

- (i) have secured at least 60 percent marks in std XII
- (ii) have secured at least 55per cent marks in graduation in any discipline
- (iii) have secured at least 60 percent marks in Postgraduate degree/ diploma in Management/ Economics/ Statistics.
- (iv) be at least 25 years and not more than 35 years as on 01 03 2010
- (v) have post qualification work experience of at least 2 years as General Banking Officer in a bank
- (vi) have secured at least 40 percent marks in the personal interview.

In case of a candidate who satisfies all the above conditions except.

- (a) at (iii) above but has secured at least 60 percent marks in CA or ICWA, the case is to be referred to the VP Recruitment
- (b) at (vi) above but has secured at least 65 percent marks in the written examination and at least 35 percent marks in the personal interview, the case is to be referred to the president Recruitment.

In each question below are given details of one candidate. You have to take one of the following courses of action based on the information provided and the conditions and sub conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these are given to you as on 01-03-2010:

- Neha Salve has been working in a bank as a Generalist officer for the past four years after completing her Postgraduate degree in Economics with 60 percent marks. She has secured 60 percent marks in both Graduation and std XII. She was born on 24th August, 1979. She has secured 70 percent marks in the written examination and 38 percent marks in the personal interview.
 - (a) The data provided is inadequate to take decision
 - (b) The case is to be referred to the VP Recruitment
 - (c) The case is to be referred to the President Recruitment
 - (d) The candidate is to be selected.
- 2. Neeta Jaiswal was born on 2nd of June, 1980. She has been working in a bank as a Generalist officer for the past three years after completing her Postgraduatoin degree in Economics with 60 percent marks. She has secured 6 percent marks in H.Sc and 58 percent marks in B. Com. She has also secured 50 percent marks in both the written examination and personal interview.
 - (a) The data provided is inadequate to take decisions.
 - (b) The case is to be referred to the VP Recruitment
 - (c) The case is to be referred to the President Recruitment
 - (d) The candidate is to be selected
- 3. Kesav Vora was born on 8th November, 1978. He has secured 65 percent marks in Std. XII and 60 percent marks in Graduation. He has secured 58 percent marks in MA Economics and 60 percent in ICWA. He has been working in a bank as a Generalist officer fort eh past two years after completing his education. He has also secured 50 percent marks in the written examination and 45 percent marks in the personal interview.
 - (a) The data provided is inadequate to take decision.
 - (b) The case is to be referred to the VP Recruitment
 - (c) The case is to be referred to the President Recruitment
 - (d) The candidate is to be selected
- 4. Arindam Ghosh has been working in a bank as a Generalist officer for the past four years after completing his postgraduate Diploma in Management with 60 percent marks. He has secured 50



percent marks in the written examination and 40 percent marks in the personal interviews. He has also secured 70 percent marks in std XII. He was born on 25th February, 1975.

- (a) The data provided is inadequate to take decision.
- (b) The case is to be referred to the VP Recruitment
- (c) The candidate is to be selected
- (d) The candidate is not to be selected.
- 5. Sohan Majhi has secured 65 percent marks in B.Sc and 70percent marks in M.Sc Statistics. He has been working in a bank as Generalist Officer for the past three years after completing his Postgraduation. He has secured 55 percent marks in the written examination and 50 percent marks in the personal interview. He was born on 8th of July . 1982.
 - (a) The data provided is inadequate to take decisions.
 - (b) The case is to be referred to the VP Recruitment.
 - (c) The case is to be referred to the President Recruitment
 - (d) The candidate is to be selected.
- 6. Keeping in mind the relation between number of the first pair, find the possible number for the 2nd pair from the options given below:

43:12::84:? (a) 46 (c) 12 (d) None of the above (b) 32 7. Three words are given in the following question which have common feature. Four options are given below the three words, one of which has that same common feature. Find the word: Fruit, flower, stem (c) Vegetation (a) Scent (b) Leaf

8. Three words are given in the following question. Four options are given below, one of which is representative of the three worlds. Find that option: for

Cheetah, Lion, Tiger

(a) zoo

(b) Extinct

(c) Circus

(d) Carnivorous

9. Raj travelled from a point X straight to Y at a distance of 80 metres. He turned right and walked 50 metres, then again turned right and walked 70 metres . Finally, he turned right and walked 50 metres. How far is he from the starting point?

(a) 10 metres

(b) 20 metres

(c) 50 metres

(d) 70 metres

10. Pointing to a photograph, a person tells his friend, "She is the granddaughter of the elder brother of my father." How is the girl in the photograph related to this man?

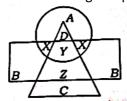
(a) Niece

(b) Sister

(c) Aunt

(d) Sister in law

Directions (11 – 15): In the following diagram, the circle represents college professors, the triangle stands for surgical specialists and Medical Specialists are represented by the rectangle:



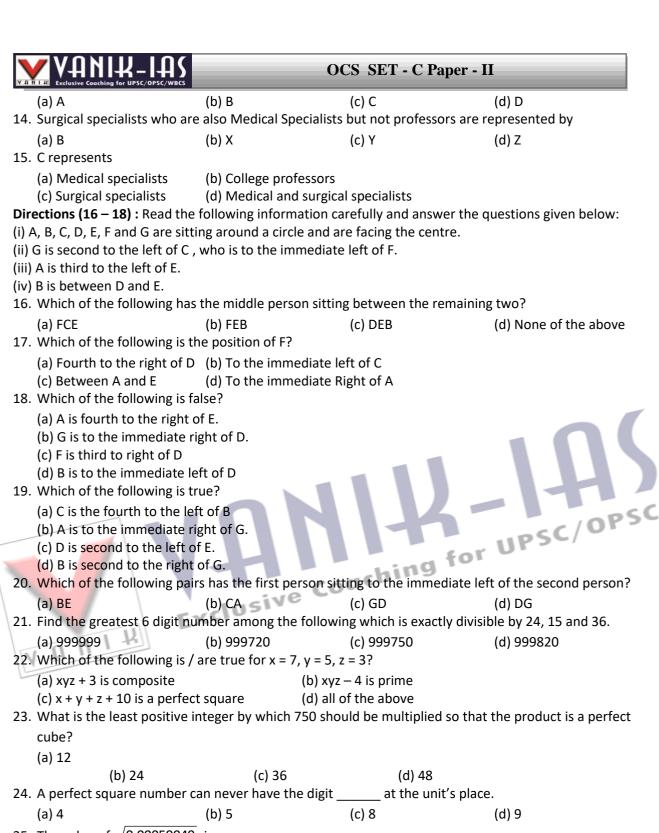
- 11. B represents
 - (a) Professors who are neither Medical nor Surgical specialists
 - (b) Professors who are not surgical specialists
 - (c) Medical specialists who are neither Professors nor surgical Specialists
 - (d) Professors who are not Medical Specialists.
- 12. College professors who are also Medical Specialists are represented by

(a) A

(c) Y

(d) Z

13. College professors who are also Surgical specialists are represented by



(a) 0.243 (b) 0.024

(b) 0.0243

(c) 0.00243

(d) 0.000243

- 26. Which of the following statement is true?
 - (a) All natural numbers are also whole numbers
 - (b) There is no smallest whole number
 - (c) The greatest whole number is 1000
 - (d) 1 is the smallest whole number
- 27. $12 \times (15 + 34) = (12 \times 15) + (12 \times 34)$, this is known as
 - (a) distributivity of multiplication over addition
 - (b) closure property



- (c) associativity of addition and multiplication
- (d) commutative property
- 28. In the following series, how many such odd numbers are there which are divisible by 3 or 5, then followed by odd numbers and then also followed by even numbers:
 - 12, 19, 21, 3, 25, 18, 35, 20, 22, 21, 45, 46, 47, 48, 9, 50, 52, 54, 55, 56
 - (a) 0

(b) :

(c) 2

- (d) 3
- 29. Aradhya, Reyansh and Akshit start at the same time in the same direction to run around a circular stadium. Aradhya completes one round in 252 second, Reyansh in 308 seconds and Akshit in 198 seconds. After what time will they meet again at the starting point?
 - (a) 42 minutes 12 seconds
- (b) 44 minutes 30 seconds
- (c) 45 minutes 40 seconds
- (d) 46 minutes 12 seconds
- 30. Let the positions of the first two digits in each number of the following set are reversed:

986

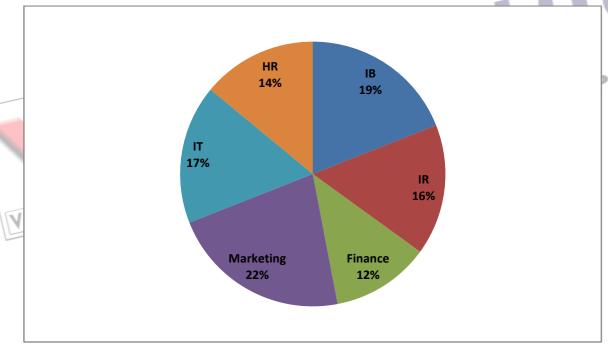
- 738
- 359
- 456
- 342

(b) 5

Find the difference between the first digits of the highest number and lowest number.

(c) 6

- (d) 7
- 31. The pie chart given below shows the percentage- wise breakup of students in terms of specialization in MBA:



If the total number of students is 8000, what is the total number of students having specialization in IR Marketing and IT?

(a) 4640

- (b) 4400
- (c) 4260
- (d) 4080
- 32. Which of the following statements is sufficient to answer the question?

Question: Find the total number of students in a class if the class has some boys and some girls.

Statements:

- (i) The number of boys in a class is 10
- (ii) The number of girls in a class is 2 more than the number of boys.
- (a) Only statement (i) is sufficient
- (b) Either statement (i) or (ii) is sufficient
- (c) Both statements (i) and (ii) are sufficient
- (d) Only statement (ii) is sufficient

33. The table below shows the daily income (in Rs) of 50 persons. Study the table carefully and answer the question given below :

Income (Rs)	No. of persons
Less than 300	12
Less than 350	26
Less than 400	34
Less than 450	40
Less than 500	50

How many persons earn Rs.300 or more but less than Rs.400?

(a) 8

(b) 12

(c) 22

(d) 38

34. Five distinct shops sold varying quantities of umbrellas and raincoats in a specific month. The table given below provides the sales figures for each shop:

Shop	Number of umbrellas sold	Number of raincoats sold
Α	250	100
В	120	140
С	200	260
D	350	320
E	250	300

If both the number of umbrellas and the number of raincoats sold by shop F is 40% more than that by shop E then what is the difference between the number of umbrellas and the number of raincoats sold by shop F?

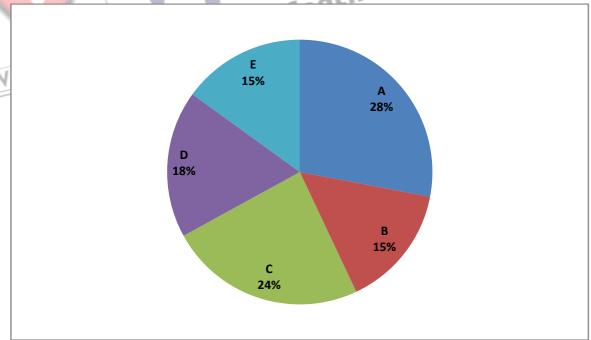
(a) 90

(b) 70

(c) 60

(d) 50

35. The pie chart given below shows the percentage of students in five schools and the table below shows the ratio of boys and girls in each school. Study the pie chart and the table and answer the question that follows:



School	Α	В	С	D	E
Girls: Boys	3:4	2:3	5:3	1:2	4:1

If the total number of girls from all the five schools is represented as the pie chart, what will be the measure of the sector angle (to the nearest integer) corresponding to school B?

(a) 42°

(b) 32⁰

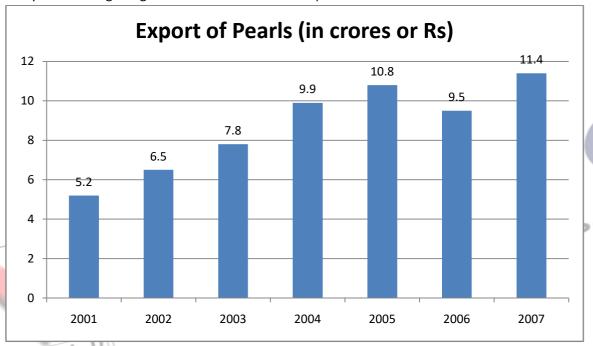
(c) 48°

 $(d)58^{0}$

36. In the light of data sufficiency choose the appropriate option.

What will be the total weight of 10 poles, each of the pole is of same weight? Statements:

- (i) One –fourth of the weight of each pole is 5 kg.
- (ii) The total weight of three poles is 20 kg more than the total weight of two poles.
- (a) Statement (i) alone is sufficient while statement (ii) alone is not sufficient
- (b) Statement (ii) alone is sufficient while statement (i) alone is not sufficient
- (c) Either (i) or (ii) is sufficient
- (d) Neither (i) nor (ii) is sufficient
- 37. Study the bar diagram given below and answer the question:



What was the percentage increase in export form 2006 to 2007?

(a) (50/3)%

(b) 20%

(c) 19%

(d) 24%

38. The following table given the percentage profit earned by two companies A and B over six years.

Answer the question given below:

Year	2008	2009	2010	2011	2012	2013
Α	25	45	35	50	30	40
В	40	35	50	45	40	45

If the income of Company B in 2010 and 2011 were in the ratio of 2:3. Respectively, then what was the ratio of expenditures of that company in these two years?

(a) 9:12

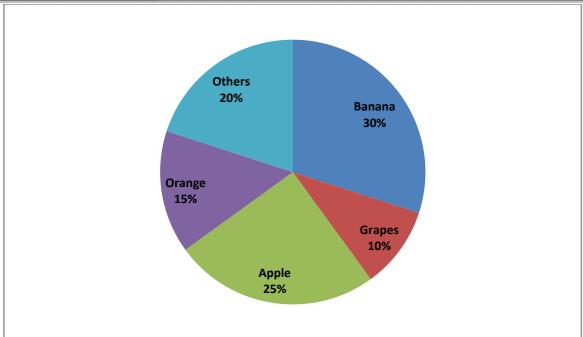
(b) 10:29

(c) 20:27

(d) 29:45

Direction (39 & 40): Answer the questions based on the following pie chart that shows the sale of different fruits in a day for a shop:





- 39. If a total of 1200 kg of fruits were sold in a day, calculate the amount of bananas sold (in kg).
 - (a) 360 kg
- (b) 320 kg

- (c) 300 kg
- (d) 280 kg

- 40. Find the difference between sales of grapes and oranges.
 - (a) 30 kg
- (b) 45 kg

- (c) 54 kg
- (d) 60 kg

Directions (41 – 45): Read the following passage and answer the questions that follow. Your answer to these questions should be based on the passage only: for

Passage 1

The global refugee crisis has reached alarming proportions, with millions of people fleeing their homes due to conflict, persecution and instability. Data and statistics underscore the magnitude of this crisis, shedding light on the immense challenges faced by both refugees and host countries.

As of the most recent UNHCR report, there are over 82 million forcibly displaced people worldwide. This includes refugees, asylum seekers and internally displaced persons. The number of refugees alone has surpassed 26 million, with nearly 80% of them hosted by neighbouring countries in regions facing their own challenges.

Syria remains one of the most significant contributors to the refugee crisis . Since the onset of its civil war in 2011, an estimated 6.7 million Syrians have fled their country. Afghanistan is another major source, with over 2.7 million refugees, driven by ongoing conflict and insecurity. Venezuala's political and economic turmoils have resulted in a staggering 5.4 million people seeking refugees in neighbouring countries.

Developing nations shoulder a substantial burden in hosting refugees. Countries like Turkey, Pakistan and Uganda are among the top refugee - hosting nations. Turkey alone hosts more than 3.6 million refugees, primarily from Syria, placing significant strains on its resources and infrastructure.

The international community faces a collective challenge in addressing this crisis. Providing humanitarian aid, ensuring access to education and healthcare and facilitating resettlement are vital components of a comprehensive response. However, strained resources, political complexities and the growing trend of anti – immigrant sentiment in some host countries present obstacles to find effective

In conclusion, the current international refugee crisis is a complex issue with far reaching implications. Data and statistics highlight the staggering numbers of displaced individuals and the significant challenges faced by both refugees and host countries. Addressing this crisis requires international cooperation, policy reforms and a commitment to upholding human rights in the face of adversity.

41. Among the listed countries, which one hosts the most refugees?



- (a) Germany
- (b) United States
- (c) Turkey
- (d) Canada
- 42. What challenge is faced by host countries in addressing the refugee crisis?
 - (a) Ample resources and infrastructure
 - (b) Low levels of international cooperation
 - (c) Anti Immigrant sentiment and strained resources
 - (d) Ignoring human rights concerns.
- 43. How many forcibly displaced people are there globally, according to the UNHCR report?
 - (a) 26 million
- (b) 50 million
- (c) 82 million
- (d) 100 million
- 44. Which country has hosted the largest number of refugees from Syria?
 - (a) Turkey
- (b) Jordan
- (c) Lebanon
- (d) Iraq
- 45. What is a major driver of the refugee crisis in Afghanistan?
 - (a) Economic Opportunities
- (b) Religious freedom
- (c) Ongoing conflict and insecurity (d) Political Stability

Passage – 2

Genetic engineering ,a revolutionary branch of biotechnology, continues to evolve rapidly, transforming the way we approach medicine, agriculture and various scientific endeavours. Recent developments in this field highlight both the immense potential and ethical considerations that come with the power to manipulate DNA.

In the medical realm, gene editing technologies like CRISPR – Cas 9 have gained prominence. These tools offer unprecedented precision in modifying genes, holding promise for treating genetic disorders . In the groundbreaking clinical trial, researchers successfully used gene editing to treat sickle cell anaemia. The patient's own modified cells were reintroduced into their body, resulting in reduced symptoms and an improved quality of life.

However, these advancement also raise ethical concerns. The potential for creating "design babies" through gene editing has sparked debates about the boundaries of genetic manipulation. The Question of whether it's ethical to alter human DNA to enhance physical or cognitive traits continues to challenge bioethicists, policymaker and society at large.

Data indicates the expontial growth of genetic engineering research. In the past decade, the number of scientific publications related to CRISPR technology has multiplied significantly. In 2010, there were approximately 150 CRISPR – related publications; by 2020, that number had soared to over 9,000. This surge demonstrates the profound impact of genetic engineering on the scientific community.

As we navigate this brave new world of genetic engineering, striking a balance between innovation and ethical considerations remains paramount. The potential to cure genetic diseases, enhance food security and make leaps in scientific understanding is immense. However, careful consideration and collaboration are necessary to ensure that the benefits are realized while addressing the ethical complexities that accompany these technological break throughs.

- 46. What ethical concern is associated with genetic engineering?
 - (a) improving food security
- (b) Enhancing cognitive traits
- (c) Treating genetic disorders
- (d) Preventing malnutrition
- 47. How has the number of CRISPR related scientific publications changed over the past decade?
 - (a) It has remained constant
- (b) It has decreased significantly
- (c) It has increased moderately
- (d) It has multiplied exponentially
- 48. Which gene editing technology has gained prominence recently?
 - (a) PCR

- (b) CRISPR Cas 9
- (c) DNA sequencing
- (d) Microarray analysis
- 49. In the clinical trial, gene editing was successfully used to treat which genetic disorder?
 - (a) Cystic fibrosis
- (b) Huntington's disease
- (c) Sickle cell anaemia (d) Diabetes

- 50. What is one of the benefits of Genetically Modified (GM) crops?
 - (a) Increased suspectibility to pests

- (b) Reduced nutritional content
- (c) Improved crop yield and pest resistance

	(d) Longer growth periods				
Dire	ection (51 – 52) : In quest	ions giver	n below , a par	t of the sentence is <u>it</u>	alicised and underlined.
Belo	ow are given alternatives to	the italici	ised part which	may improve the sente	ence. Choose the correct
alte	rnative . In case no improve	ement is n	eeded, option (d) is the answer:	
51.	The workers are hell bent a	at getting	what is due to	them.	
	(a) hell bent on getting	(b) hell b	ent for getting		
	(c) hell bent upon getting				
52.	When it was feared that		•	far and gain their free	dom from serfdom, the
	Protestant leaders joined tl			_	·
	(a) into crushing	(b) in cru	ıshing	(c) without crushing	(d) No improvement
53.	In the following question, c		_	• •	•
	ENORMOUS				
	(a) Soft	(b) Avera	age	(c) Tiny	(d) Weak
54.	Some proverbs/ idioms are	given bel	low together w	ith their meanings. Cho	ose the correct meaning
	of proverb / idiom:				
	To keep one's temper				
	(a) To become angry	((b) To be in goo	d mood	
	(c) To preserve one's energ		(d) None of the		
55.	Find the correctly spelt wo		(4) 110110 01 0110		
	(a) Efficient	(b) Treat	ment	(c) Beterment	(d) Employed
Dire	ections (56 – 58) : Read the				(u) Employeu
	It the wall of the tunnel				my earnhones Almost
	ultaneo <mark>usly ,</mark> Jack warning li				
	w, the <mark>sho</mark> wer of debris, th	-			
	ayers of were particular bor				
	vn in 81 ⁰ water in South Pac				
	Which one of the following				
\30.	to be on?	5 1 Cu30113	Would One con	sider as more as possib	ic for the warning lights
10			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1/3	(a) There was a shower of o		(b) Jack was yel	_	
	(c) A catastrophe was immi			as looming close and bi	
5/.	The statement that the daz	_			s of air" means
	(a) that the sun was very ho	-	• •	as no strong wind	
	(c) that the air was unpollu-		(d) none of the		
58.	The word' Command Modu	ule' used t	wice in the give	en passage indicates per	haps that it deals with
	(a) an alarming journey	((b) a commandi	ng situation	
	(c) a journey into outer spa	ice ((d) a frightful ba	attle	
59.	In the question below, ou	t of the fo	our alternatives	, choose the one whic	h can be substituted for
	the given word/ sentence:				
	Extreme old age when a ma	an behave	es like a fool.		
	(a) Imbecility	(b) Senili	ity	(c) Dotage	(d) Superannuation
60.	In the following question,	choose the	e word which b	est expresses the mean	ing of the given word:
	EMBEZZLE				
	(a) Misappropriate	(b) Balan	nce	(c) Remunerate	(d) Clear

61. **Direction**: Choose the **correct** option considering the statements followed by the conclusions:

Statements:

- (a) some panthers are cats
- (b) All cats are mammals
- (c) Some mammals are not panthers.

Conclusions:

- (i) some mammals are panthers
- (ii) All panthers are mammals
- (iii) All cats are panthers
- (iv) all mammals are panthers
- (a) None follows
- (b) Only (i) follows
- (c) only (i) and (ii) follow
- (d) Only (ii) and (iii) follow
- 62. Divyagarh gave an application for a new passport to the clerk on Monday Afternoon. Next day was a holiday. So, the clerk cleared the papers on the next working day on resumption on duty. The senior clerk checked it on the same day but forwarded it to the head clerk on the next day. The head clerk decided to dispose the case on the subsequent day. On which of the following days was the case put up to the head clerk by the senior clerk?
 - (a) Wednesday
- (b) Thursday
- (c) Friday
- (d) None of the above
- 63. **Direction :** Choose the **correct** option considering the statement followed by the conclusions

Statements:

- (a) some desks are apartments
- (b) all apartments are cars
- (c) some cars are trucks

Conclusions:

- (i) some desks are trucks
- (ii) Some desks are cars
- (iii) Some cars are apartments
- (iv) No truck is a desk
- (a) None follows
- (b) Only (ii) and (iii) follow
- (c) Either only (i) or (ii), (iii) and (iv) follow
- (d) Either only (i) or (iv), (ii) and (iii) follow
- 64. Complete the following series:

$$E - 5$$
, $G - 7$, $I - 9$, $K - 11$, ?

(a)
$$L - 13$$
, $N - 14$

(b)
$$M - 13$$
, $O - 15$

(c)
$$L - 12$$
, $M - 14$

(d)
$$K - 12$$
, $M - 14$

- 65. In a row of children, Bali is seventh from the left and Moti is fourth from the right. When Bali and Moti exchange positions, Bali will be the fifteenth from the left. What will be Moti's position from the right?
 - (a) Eighth
- (b) Fourth
- (c) Eleventh
- (d) Twelfth

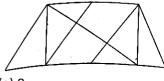
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- 66. A woman presents a man as the son of the brother of her mother. How is the man related to the woman?
 - (a) Nephew
- (b) Son
- (c) Cousin
- (d) Uncle
- 67. Facing a man in the eye, Nero said, "Your son is my son's uncle." How is the man related to Nero?
 - (a) Brother
- (b) Father
- (c) Uncle
- (d) Grandfather
- 68. If "I" denotes "added to", "@" denotes "divided by", "%" denotes "Multiplied by" and "^" denotes "subtracted from", then 13! $102@6\%2^41 = ?$
 - (a) 6

(b) 9

- (c) 14
- (d) 12

69. Find the number of triangles in the given figure:



(a) 8

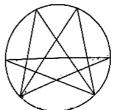
(b) 10

(c) 12

(d) 14

70. Find the number of triangles in the given figure:





(a) 22	(b) 24	(c) 26	(d) 28

71. If the marked price of 30 articles is equal to the selling price of 40 article, then find the % discount.

(a) 25%

(b) 33.33%

(c) 75%

(d) 205

72. A student scores 36% marks and he fails by 32 marks. But if he scores 48% marks then he will get 64 marks more than the passing marks. Find the pass percentage.

(a) 40% (b) 50% (c) 35% (d) 45%

73. The monthly incomes of X and Y are in the ratio of 4 : 3 and their monthly expenses are in the ratio of 3 : 2. However, each saves Rs 6,000 per month. What is their total monthly income?

(a) Rs 28000 (b) Rs 42000 (c) Rs 56,000 (d) Rs 84,00

74. P works thrice as fast as Q, whereas P and Q together can work four times as fast as R. If P, Q and R work together on a job, then in what ratio should they share the earnings?

(a) 3:1:1 (b) 3:2:4 (c) 4:3:4 (d) 3:1:4

75. 8 men can do a piece of work in 12 days while 20 men can do it in 10 days. In how many days 12 men and 15 women together can complete the same work?

(a) 4 (b) 5 (c) 6 (d) 7

76. **Statement:** The school dropout rate in many districts in the State has increased sharply during the last few years as the parents of these children make them work in the fields owned by others to earn enough for them to get at least one meal a day.

Courses of action:

(i) The government should put a mechanism to provide food grains to the poor people in these districts through public distribution system to encourage the parents to send their wards to school.

(ii) The Government should close down some of these schools in the district and deploy the teachers of these schools to nearby schools and also ask remaining students to join these schools.

(iii) The government should issue arrest warrants for all the parents who force their children to work in fields instead of attending classes.

(a) only (i) (b) Only (ii) (c) only (iii) (d) only (i) and (ii)

77. **Statement**: One aspirants was killed due to stampede while participating in a recruitment drive of 'police constables'

Courses of action:

(i) The official in charge of the recruitment process should immediately be suspended.

(ii) A team of officials should be asked to find out the circumstance which led to the death of the aspirants and submit its report within a week.

(iii) The Government should ask the home department to stagger the number of aspirants over more number of days to avoid such incidents in future.

(a) only (i) (b) only (ii) (c) only (iii) (d) only (ii) and (iii)

78. **Statement**: A heavy unseasonal downpour during last two days has paralysed the normal life in the state in which five persons were killed but this has provided a huge relief to the problem of acute water crisis in the state.

Courses of Action:

(i) The State Government should set up a committee to review the alarming situation



- (ii) The state Government should immediately remove all the restrictions, on use of potable water in all the major cities in the state.
- (iii) The state Government should send relief supplies to all the affected areas in the state
- (a) None

- (b) only i
- (c) Only ii and iii
- (d) Only iii
- 79. Statement: A large private bank has decided to retrench one third of its employees in view of the huge losses incurred by its during the past three quarters.

Courses of action:

- (i) The government should issue a notification to general public to immediately stop all transaction with the bank.
- (ii) The government should direct the bank to refrain from retrenching its employees.
- (iii) The government should ask the central bank of the country to initiate an equire into the bank's activities and submit its report.
- (a) None

- (b) only (i)
- (c) only (ii)
- (d) only (iii)
- 80. Statement: Many political activities have decided to stage demonstrations and block traffic movement in the city during peak hours to protest against the steep rise in the prices of essential commodities.

Courses of action:

- (i) The government should immediately ban all forms of agitations in the country.
- (ii) The police authority of the city should deploy additional forces all over the city to help traffic movement in the city.
- (d) only (i) and (ii) UPSC/OPSC (iii) The state administration should carry out preventive arrests of the known criminals staying in the city.
- (a) only (i)

