

IIFT PAPER: (24-11-2013)SECTION - ISECTION - 1 (Part 1)

Directions for questions 1 to 5: Given below are the shares of sectoral FDI inflow to India in different years (figures in percentage). Answer the questions on the basis of the following data.

Sector	2007	2008	2009	2010	2011	2012
Services Sector	18.2	24.3	20.8	16.8	14.9	20.8
Construction Development	7.6	8.1	12.2	11.7	5.9	10.5
Telecommunications	5.5	8.3	9.4	7.2	6.6	0.4
Drugs and Pharmaceuticals	1.4	0.8	0.7	1.0	9.1	2.7
Computer Software and Hardware	12.8	5.6	2.5	4.7	2.0	2.8
Chemicals (other than Fertilizers)	1.3	1.9	1.7	2.1	16.6	1.5
Automobile Industry	1.9	3.4	5.1	5.9	2.5	4.9
Power	1.3	3.9	5.8	5.1	4.9	3.2
Metallurgical Industries	2.5	4.5	1.8	4.9	4.7	6.9
Hotel and Tourism	1.3	1.6	2.2	2.4	2.6	14.9

- Among the four sectors mentioned below, the increase in share of FDI inflows between the terminal years 2007 and 2012 has been HIGHEST for
  - Services Sector
  - Construction Development
  - Automobile Industry
  - Power
- Over 2007 to 2012, the simple average share of FDI inflows has been SECOND LOWEST for
  - Chemicals (other than Fertilizers)
  - Automobile Industry
  - Metallurgical Industries
  - Hotel and Tourism
- Identify the FALSE Statement from the following sentences
  - During 2009 to 2012 the percentage share of FDI inflow in power sector has witnessed a continuous decline.
  - During 2007 to 2009 the percentage share of FDI inflow in drugs and pharmaceuticals sector has witnessed a continuous decline.
  - During 2009 to 2011 the percentage share of FDI inflow in Hotel and Tourism sector has witnessed a continuous increase.
  - During 2007 to 2010 the percentage share of FDI inflow in Chemicals (other than Fertilizers) sector has witnessed a continuous increase.

4. Identify the TRUE alternative from the given options based on the following statements

- i. In 2011, the construction development sector was ranked fifth in terms of percentage share of FDI inflow in the country
- ii. In 2009, the Computer Software and Hardware sector was ranked sixth in terms of percentage share of FDI inflow in the country
- iii. In 2012, the drugs and pharmaceuticals sector was ranked fourth lowest from the bottom in terms of percentage share of FDI inflow in the country

- A. Statement ii only
- B. Both statements i and ii
- C. Statement iii only
- D. All three statements

5. Mark the HIGHEST figure among the following options

- A. Increase in FDI inflow percentage share for Telecommunications sector between 2007 and 2008
- B. Increase in FDI inflow percentage share for Computer Software and Hardware sector between 2009 and 2010
- C. Increase in FDI inflow percentage share for Automobile sector between 2011 and 2012
- D. Increase in FDI inflow percentage share for Power sector between 2007 and 2008

Directions for questions 6 to 12: Given below are the shares of India's export basket to different regions (figures in percentage). Answer the questions on the basis of the following data.

Region	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
EU Countries	22.55	22.74	21.85	22.53	21.21	21.17	21.32	20.16	18.33	17.17
West Africa	2.02	1.99	1.98	1.80	1.93	2.13	1.84	1.76	1.71	2.12
East Africa	1.20	1.35	1.37	1.39	2.33	2.58	2.40	1.97	2.13	2.17
North Africa	1.28	1.21	1.62	1.55	1.47	1.63	1.84	1.75	1.59	1.54
North America	22.49	19.61	17.96	18.25	16.23	13.85	12.57	11.89	10.98	12.48
Latin America	2.06	1.40	2.15	2.47	2.95	3.11	2.96	3.13	3.72	4.00
ASEAN	8.76	9.12	10.09	10.10	9.98	10.05	10.29	10.16	10.21	12.00
West Asia-Gulf Cooperation Council (GCC)	9.32	11.07	11.75	11.42	12.96	13.35	17.21	17.06	16.90	14.85
West Asia (Other than GCC)	3.68	3.68	3.67	3.26	3.81	3.66	3.32	3.22	3.09	3.12
North East Asia	14.92	14.70	15.83	15.74	15.33	16.23	13.80	16.12	14.83	14.86
South Asia	5.28	6.73	5.51	5.38	5.12	5.90	4.62	4.69	4.64	4.37

6. Among the four options mentioned below, export share of India witnessed HIGHEST year-to-year decline in absolute terms in which of the region-period combinations?
- A. In ASEAN region from 2005-06 to 2006-07
  - B. In South Asian region from 2004-05 to 2005-06
  - C. In West Asia (GCC) region from 2008-09 to 2009-10
  - D. In North African region from 2009-10 to 2010-11
7. Among the four options mentioned below, for which region have the export shares declined maximum number of times in a year-on-year basis?
- A. South Asia
  - B. North Africa
  - C. North America
  - D. West Africa
8. Between 2009-10 and 2010-11, the annual growth rate in India's (percentage) export share has been LOWEST for
- A. North Africa
  - B. North East Asia
  - C. North America
  - D. EU Countries
9. Mark the HIGHEST figure from the following options
- A. India's simple average export share to North Africa during 2008-09 and 2009-10
  - B. India's simple average export share to East Africa during 2004-05 and 2007-08
  - C. India's simple average export share to Latin America during 2002-03 and 2004-05
  - D. India's simple average export share to West Africa during 2007-08 and 2010-11
10. Identify the FALSE statement
- A. In 2011-12, South Asia was ranked sixth in India's export basket
  - B. The export share of North Africa in India's export basket has been the lowest for maximum number of years
  - C. In 2004-05, Latin America was ranked fourth from the bottom in India's export basket
  - D. Between 2002-03 and 2003-04, the annual growth rate in India's (percentage) export share has been highest for West Asia (GCC) market.

Directions for questions 11 to 15: Given below are the detailed characteristics of select Indian industries. Answer the questions on the basis of the following data.

	Industry 1	Industry 2	Industry 3	Industry 4	Industry 5	Industry 6	Industry 7
Number of Factories	65	110	32	30	78	39	300
Number of Workers	9066	877	5656	1099	7508	3333	15670
Total Number of Persons Engaged	9466	1255	6830	1330	9088	4271	19159
Wage to Workers (Rs. Lakh)	1875	420	3706	596	5800	3117	6966
Total Emoluments (Rs. Lakh)	2059	747	6479	1024	9284	6084	15053
Fuels Consumed (Rs. Lakh)	88	762	10817	1384	14790	6461	32178
Materials Consumed (Rs. Lakh)	2519	4135	57275	34027	327400	123275	106233
Total Inputs (Rs. Lakh)	3256	5990	80238	41037	371605	138780	171246
Depreciation (Rs. Lakh)	41	149	6667	1044	25674	3515	11246
Net Value Added (Rs. Lakh)	3178	2284	23640	5831	71739	42434	72290
Profits (Rs. Lakh)	816	913	9356	3990	34943	31219	45392

11. If total managerial wage bill is defined as the difference between total emoluments and total wage to workers, and total managerial staff is defined as the difference between total persons engaged and total number of workers, then average managerial wage would be HIGHEST for:

- A. Industry 5
- B. Industry 6
- C. Industry 3
- D. Industry 7

$$6 = \frac{6084 + 4271}{3117 + 3333} = \frac{10355}{6450} = 1.597$$

12. Profit expressed as a ratio of net value added is HIGHEST for

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- A. Industry 6
- B. Industry 7
- C. Industry 4
- D. Industry 5

13. If gross value added is defined as the sum of net value added and depreciation, then the difference in gross value added per worker is maximum between which of the following pairs?

- A. Industry 6 and Industry 3
- B. Industry 7 and Industry 1
- C. Industry 5 and Industry 2
- D. Industry 6 and Industry 4

14. Expense on Fuel consumption as a percentage of input cost has been HIGHEST for

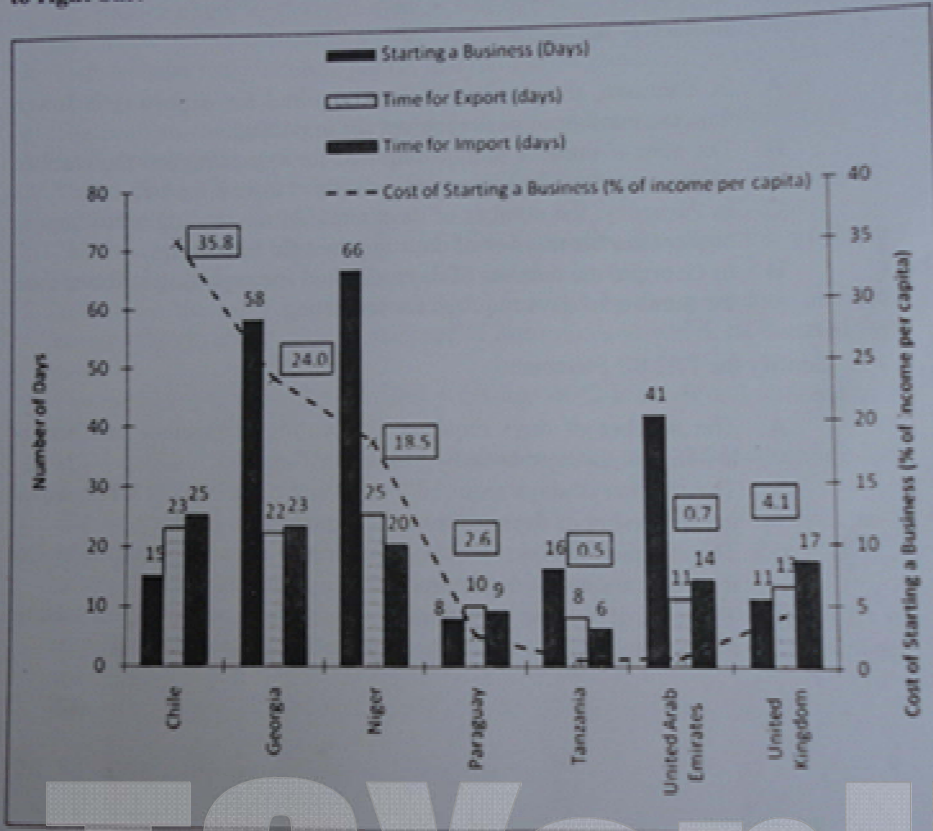
- A. Industry 3
- B. Industry 7
- C. Industry 2
- D. Industry 6

15. Identify the TRUE statement

- A. Number of workers per factory is third highest for Industry 6
- B. Expense on Materials consumption expressed as a percentage of input cost is second highest for Industry 4
- C. Profit earned expressed as a percentage of emolument is second highest for Industry 7
- D. Emoluments expressed as a percentage of net value added is lowest for Industry 5

Directions for questions 16 to 19: Given below is information relating to cost of starting a business and number of days required for specific business activities in select countries. Answer the questions on the basis of the data in the following figure.

The data labels for the bars are placed above them, while the same for the line graph are placed in boxes. Legend for the bars is given in the order of left bar to right bar.



16. If countries were ranked according to the number of days required to start a business, (with the country requiring least number of days being rank highest), which of the top three countries would have the least cost to per capita income ratio?

- A. Chile
- B. Tanzania
- C. Paraguay
- D. None of the above

17. Ratio of number of days required for export to import is the least for which country?

- A. UK
- B. UAE
- C. Chile
- D. Georgia

18. Identify the TRUE Statement

- A. In Tanzania, the number of days required for exporting is lower than the number of days required for importing.
- B. The sum of number of days required for exporting and the number of days required for importing is the third lowest for UK.
- C. In Paraguay, the number of days required for starting a business is higher than the number of days required for importing.
- D. In Georgia, the number of days required for exporting is lower than the number of days required for importing.

19. Identify the FALSE Statement

- A. The number of days required for starting a business in Chile is lower than the corresponding figure in Tanzania.
- B. The number of days required for starting a business in UK is equal to the number of days required for exporting in UAE.
- C. The number of days required for importing in Georgia is higher than the number of days required for exporting in Niger.
- D. The cost of starting a business as percentage of per capita income in Tanzania is lower than the corresponding figure in UAE.

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**SECTION – 1 (Part 2)**

Directions for questions 20 to 25: Read the following passage and solve the questions based on it.

- a. Six Indian professors from six different institutions (Jupiter, Mars, Mercury, Neptune, Pluto, Uranus) went to China to attend an international conference on "Sustainability and Innovation in Management: A Global Scenario" and they stayed in six successive rooms on the second floor of a hotel (201-206).
- b. Each of them has published papers in a number of journals and has donated to a number of institutions last year.
- c. The professor in room no. 202 has published in twice as many journals as the professor who donated to 8 institutions last year.
- d. The professor from Uranus and the professor in room number 206 together published in a total of 40 journals.
- e. The professor from Jupiter published in 8 journals less than the professor from Pluto but donated to 10 more institutions last year.
- f. Four times the number of 4 journal publications by the professor in room number 204 is lesser than the number of institutions to which he donated last year.
- g. The professor in room number 203 published in 12 journals and donated to 8 institutions last year.
- h. The professor who published in 16 journals donated to 24 institutions last year.
- i. The professor in room number 205 published in 8 journals and donated to 2 institutions less than the professor from Mercury last year. The Mercury professor is staying in an odd numbered room.
- j. The Mars professor is staying two rooms ahead of the Pluto professor who is staying two rooms ahead of the Mercury professor in ascending order of room numbers.
- k. The professors from Mercury and Jupiter do not stay in room number 206.

20. In which room is the Mars professor staying?

- A. Room number 201
- B. Room number 203
- C. Room number 205
- D. None of the above

21. How many institutions did the Jupiter professor donate to last year?

- A. 8
- B. 3
- C. 18
- D. 24

22. The professor of which institute is staying in room number 206?

- A. Jupiter
- B. Uranus
- C. Mercury
- D. Neptune

23. The professor of which institute donated to 24 institutions last year?

- A. Jupiter
- B. Uranus
- C. Mercury
- D. Neptune

24. The professor of which institute published in the maximum number of journals?

- A. Jupiter
- B. Uranus
- C. Neptune
- D. Mars

25. In how many journals did the Jupiter professor publish?

- A. 8
- B. 4
- C. 12
- D. 20

Directions for questions 26 to 27:

LETTER	E	R	C	F	L	N	H	K	P	T	A	S	G
CODE	%	3	2	5	@	7	#	6	1	8	4	%	9

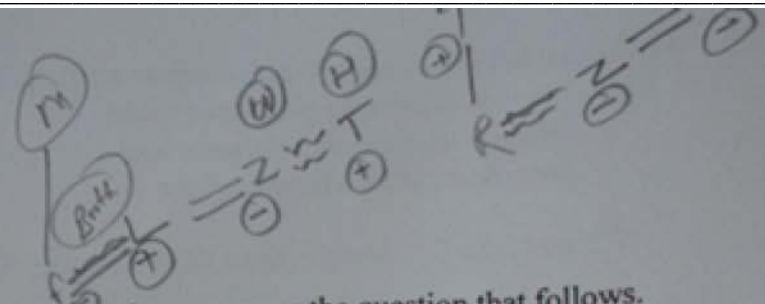
- i. If the first letter is a vowel and the last letter is a consonant, both are to be coded as 0.
- ii. If the first letter is a consonant and the last letter is a vowel, both are to be coded as 0.
- iii. If the first letter as well as the last letter are vowels, both are to be coded as the code of the last letter.

26. NFRSCA

- A. 753%20
- B. 053%24
- C. 0232%0
- D. 053%20

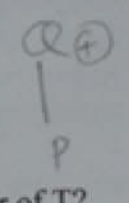
27. ARFTHE

- A. %358#%
- B. 4358#%
- C. 4358#4
- D. %385#%



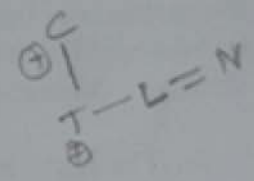
28. Read the following information to answer the question that follows.

- P-Q means Q is father of P
- P\*Q means Q is brother of P
- P+Q means Q is wife of P
- P+Q means Q is sister of P



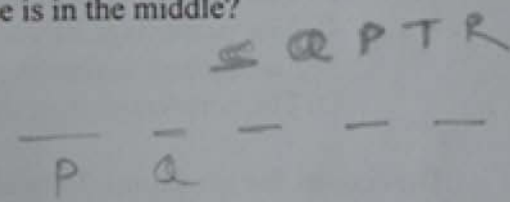
Which of the following means M is the grandfather of T?

- A. T-C+L+N\*M
- B. T-R+Z+L\*M
- C. T+Z\*L+F-M
- D. None of these



29. There are five houses P, Q, R, S and T. P is right of Q and T is left of R and right of P. Q is right of S. Which house is in the middle?

- A. P
- B. Q
- C. T
- D. R



30. Find the statement which is necessarily true according to the given information:

The Asatra Vriksh is an evergreen tree that grows in the Nilgiris. The Asatra Vriksh has a fleshy, poisonous fruit. Recently, Purol, a substance found in the bark of the Asatra Vriksh, was discovered to be a promising new antidepressant drug.

- A. Purol is poisonous when taken by healthy people.
- B. Purol has cured people from various diseases.
- C. People should not eat the fruit of the Asatra Vriksh.
- D. No treatment for depression was known till Purol was discovered.

31. Given below are some words from an artificial language.  
*agnoscrenia* means poisonous spider  
*delanocrenia* means poisonous snake  
*agnosdeery* means brown spider

Which of the following is most likely to mean "black widow spider"?

- A. aeeryclostangus  
 B. agnosvitribulunin  
 C. agnosdelano  
 D. trymuttiangus

32. A research study recorded that the number of unemployed educated youth is equal to the number of unemployed uneducated youth. It was concluded by the researchers that being educated does not enhance the probability of being employed. Which of the following information would be required to validate the above conclusion?

- A. The number of unemployed educated and uneducated people in different age groups  
 B. The number of organisations employing youth  
 C. The percentage of unemployment in educated youth versus percentage of unemployment in uneducated youth.  
 D. The percentage increase in number of educated youth versus last year

**Directions for questions 33 to 35: Study the information below and answer the questions based on it:**

- i. There are 5 persons in a group – P, Q, R, S and T.
- ii. In this group, there is one badminton player, one chess player and one tennis player.
- iii. P and S are unmarried ladies who do not play any games.
- iv. No lady is either a chess player or a badminton player.
- v. There is one married couple in this group of which T is the husband.
- vi. Q is the brother of R and is neither a chess player nor a tennis player.

33. Which of the following groups has only ladies?

- A. PQR  
 B. QRS  
 C. RST  
 D. None of the above

34. Who is the tennis player?

B

35. Who is the wife of T?

- A. P
- B. S
- C. Q
- D. R

36. The time in a clock is 20 minutes past 2. Find the angle between the hands of the clock.

- A. 45 degrees
- B. 50 degrees
- C. 60 degrees
- D. 120 degrees



Directions for questions 37 to 39: Select the correct option to fill in the blank space/s

37. c\_bba\_cab\_ac\_ab\_ac

- A. b,c,b,a,c
- B. c,a,b,c,b
- C. a,c,c,b,c
- D. a,c,b,c,b

38.  $B_2CD$ , \_\_\_\_,  $BCD_4$ , \_\_\_\_,  $BC_6D$

- A.  $BC_3D$ ;  $B_5CD$
- B.  $BC_2D$ ;  $BC_3D$
- C.  $BC_3D$ ;  $B_3CD$
- D.  $BC_3D$ ;  $BC_3D$

39. P3, M8, \_\_\_\_, G24, D35

- A. K15
- B. J13
- C. I13
- D. J15

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