VARDHMAN

UGC NET/JRF PAPER 1

DATA INTERPRETATION

Previous Years Questions Solved MCQs (2004-2016)

Courses:

(UGC-NET). (SSC/BANK EXAMS), (P-TET, C-TET), (PUNJAB GOVT.EXAMS), (GATE(CS)) etc.

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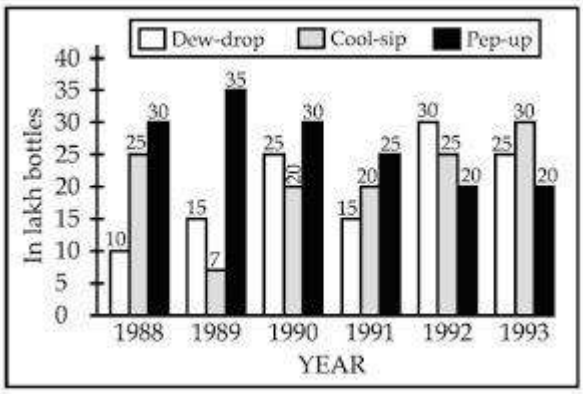
Data Interpretation

Study the following graph and answer the questions from 1 to 3:



1. In which year was the sale of 'Pep-up' the maximum?
(A) 1990 (B) 1992 (C) 1993 (D) None of the above
Ans D

2. In the case of which soft drink was the average annual sale maximum during the period 1988 - 1993.
(A) Pep - up only (B) Cool - sip only
(C) Cool - sip and Dew – drop (D) Pep - up and Dew – drop
Ans A

3. What was the approximate percent drop in the sale of Pep - up in 1990 over its sale in 1989?
(A) 5 (B) 12 (C) 14 (D) 20
Ans C

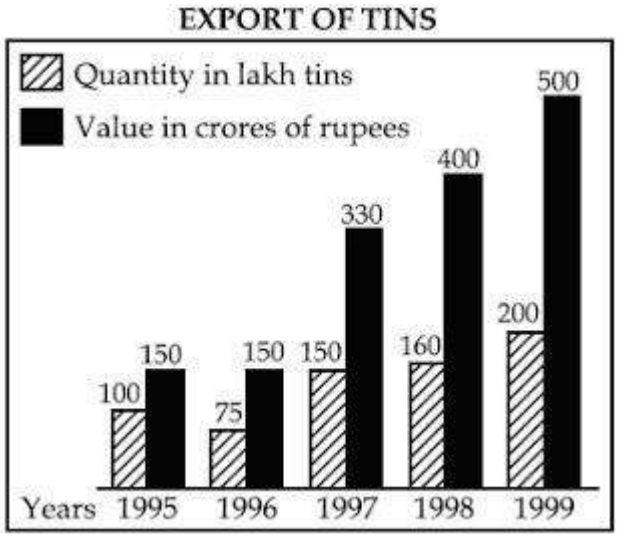
4. The number of students in two classes A and B and the respective "mean" of the marks obtained by each of the class are given in the following table:

	Class A	**Class B**
Number of Students	20	80
Arithmetic Mean	10	20

The combined "mean" of the marks of the two classes will be:
(A) 18 (B) 15 (C) 10 (D) 20
Ans B

Data Interpretation

Study the following graph carefully and answer Q.No. 1 to 5 given below it:



1. In which year the value per tin was minimum?
(A) 1995 (B) 1996 (C) 1998 (D) 1999
Ans A

2. What was the difference between the tins exported in 1997 and 1998?
(A) 10 (B) 1000 (C) 100000 (D) 1000000
Ans A

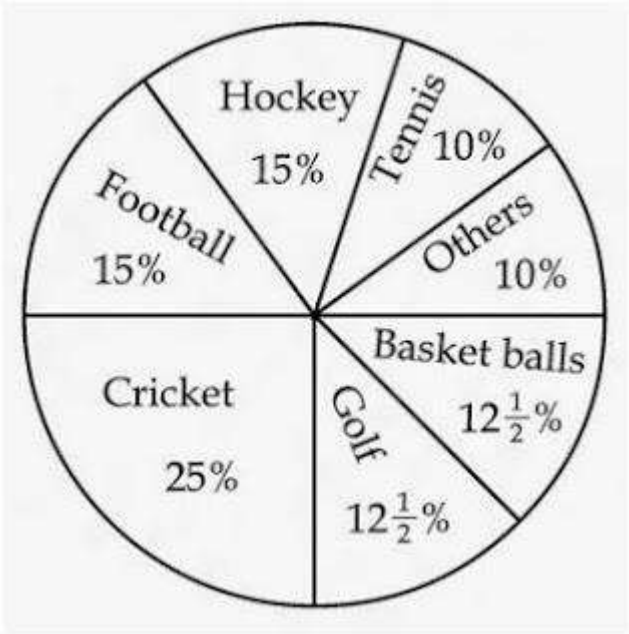
3. What was the approximate percentage increase in export value from 1995 to 1999?
(A) 350 (B) 330.3 (C) 433.3 (D) None of these
Ans D

4. What was the percentage drop in export quantity from 1995 to 1996?
(A) 75 (B) 50 (C) 25 (D) None of these
Ans C

5. If in 1998, the tins were exported at the same rate per tin as that in 1997, what would be the value (in crores of rupees) of export in 1998?
(A) 400 (B) 375 (C) 352 (D) 330
Ans C

Data Interpretation

The following pie chart indicates the expenditure of a country on various sports during a particular year. Study the pie chart and answer the following questions:



1. The ratio of the total expenditure on football to that of expenditure on hockey is:
(A) 1:15 (B) 1:1 (C) 15:1 (D) 3:20
Ans B

2. If the total expenditure on sports during the year was Rs. 1,20,000,00 how much was spent on basket ball?
(A) Rs. 9,50,000 (B) Rs. 10,00,000 (C) Rs. 12,00,000 (D) Rs. 15,00,000
Ans D

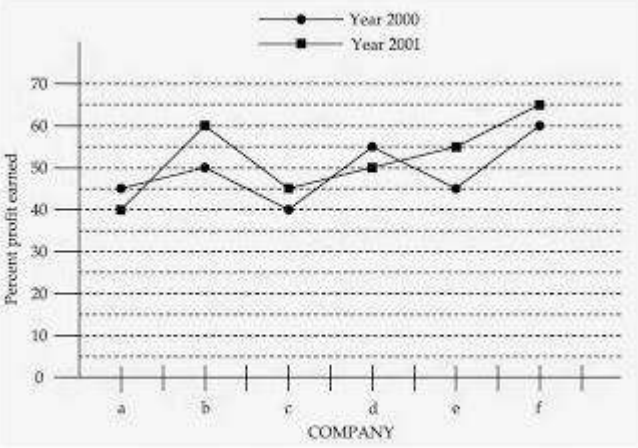
3. The chart shows that the most popular game of the country is :
(A) Hockey (B) Football (C) Cricket (D) Tennis
Ans C

4. Out of the following country's expenditure is the same on :
(A) Hockey and Tennis (B) Golf and Basket ball
(C) Cricket and Football (D) Hockey and Golf
Ans B

5. If the total expenditure on sport during the year was Rs. 1,50,00,000 the expenditure on cricket and hockey together was:
(A) Rs. 60,00,000 (B) Rs. 50,00,000 (C) Rs. 37,50,000 (D) Rs. 25,00,000
Ans A

Data Interpretation

Study the following graph and answer the following questions:



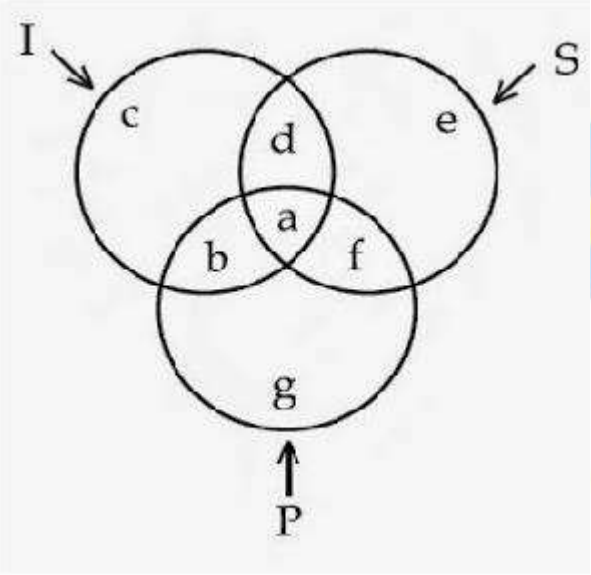
1. In the year 2000, which of the following Companies earned maximum percent profit?
(A) a (B) b (C) d (D) f
Ans D

2. In the year 2001, which of the following Companies earned minimum percent profit?
(A) a (B) c (C) (D) e
Ans A

3. In the years 2000 and 2001, which of the following Companies earned maximum average percent profit?
(A) f (B) e (C) d (D) b
Ans A

Data Interpretation

Questions 1 to 3 are based on the following diagram in which there are three interlocking circles I, S and P, where circle I stands for Indians, circle S for Scientists and circle P for Politicians. Different regions in the figure are lettered from a to f



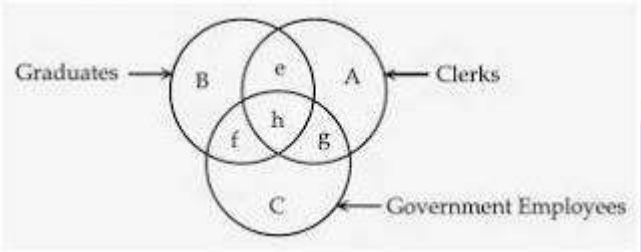
1. The region which represents Non-Indian Scientists who are Politicians:
(A) f (B) d (C) a (D) c
Ans A

2. The region which represents Indians who are neither Scientists nor Politicians:
(A) g (B) c (C) f (D) a
Ans B

3. The region which represents Politicians who are Indians as well as Scientists:
(A) b (B) c (C) a (D) d
Ans C

Data Interpretation

Three circles representing GRADUATES, CLERKS and GOVERNMENT EMPLOYEES are intersecting. The intersections are marked A, B, C, e, f, g and h. Which part best represents the statements in questions 31 to 33?

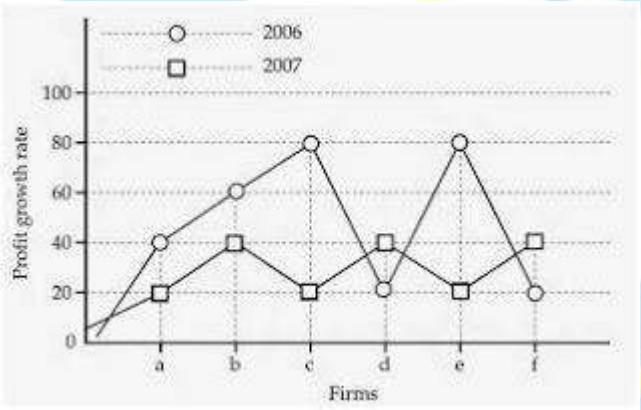


1. Some Graduates are Government employees but not as Clerks.
(A) h (B) g (C) f (D) e
Ans C

2. Clerks who are graduates as well as government employees:
(A) e (B) f (C) g (D) h
Ans D

3. Some graduates are Clerks but not Government employees.
(A) f (B) g (C) h (D) e
Ans D

Study the following graph and answer questions numbered from 4 to 5:

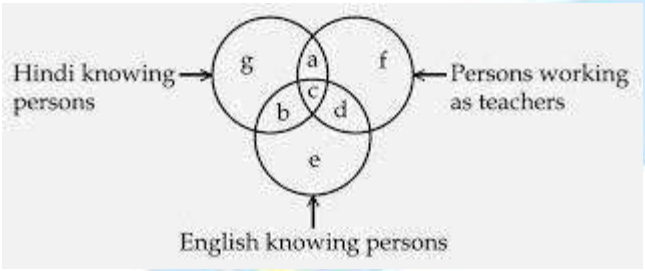


4. Which of the firms got maximum profit growth rate in the year 2006?
(A) ab (B) ce (C) cd (D) ef
Ans B

5. Which of the firms got maximum profit growth rate in the year 2007?

(A) bdf (B) acf (C) bed (D) ace
Ans A

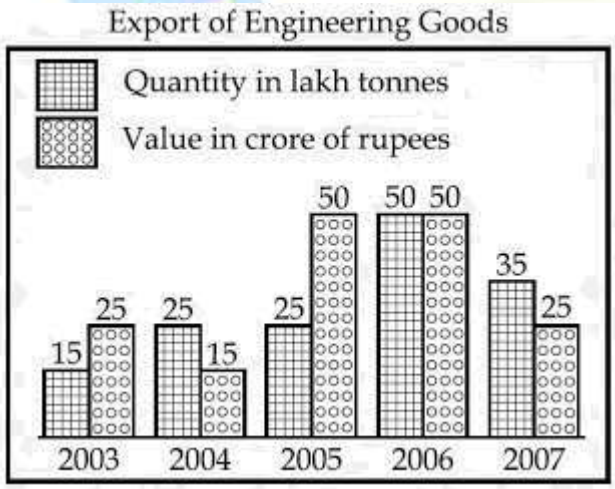
Questions 1 and 2 are based on the following venn diagram in which there are three intersecting circles representing Hindi knowing persons, English knowing persons and persons who are working as teachers. Different regions so obtained in the figure are marked as a, b, c, d, e, f and g.



1. If you want to select Hindi and English knowing teachers, which of the following is to be selected?
(A) g (B) b (C) c (D) e
Ans C

2. If you want to select persons, who do not know English and are not teachers, which of the region is to be selected?
(A) e (B) g (C) b (D) a
Ans B

Study the following graph carefully and answer questions 3 to 5



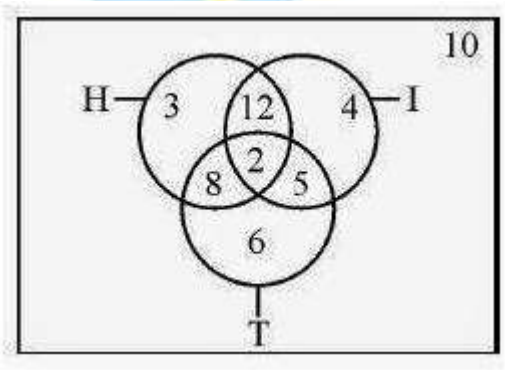
3. In which year the quantity of engineering goods' exports was maximum?
(A) 2005 (B) 2006 (C) 2004 (D) 2007

Ans B

4. In which year the value of engineering goods decreased by 50 percent compared to the previous year?
(A) 2004 (B) 2007 (C) 2005 (D) 2006
Ans B

5. In which year the quantity of exports was 100 percent higher than the quantity of previous year?
(A) 2004 (B) 2005 (C) 2006 (D) 2007
Ans C

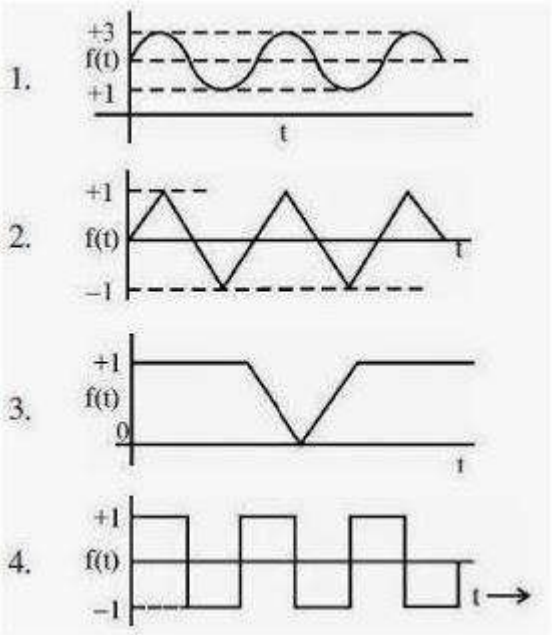
Questions from 1 - 2 are based on the following diagram in which there are three intersecting circles. H representing The Hindu, I representing Indian Express and T representing The Times of India. A total of 50 persons were surveyed and the number in the Venn diagram indicates the number of persons reading the newspapers.



1. How many persons would be reading at least two newspapers?
(A) 23 (B) 25 (C) 27 (D) 29
Ans C

2. How many persons would be reading almost two newspapers?
(A) 23 (B) 25 (C) 27 (D) 48
Ans A

3. Which of the following graphs does not represent regular (periodic) behaviour of the variable f(t)?



(A) 1 (B) 2 (C) 3 (D) 4

Ans C

4. Which of the following sources of data is not based on primary data collection?

(A) Census of India (B) National Sample Survey

(C) Statistical Abstracts of India (D) National Family Health Survey

Ans C

5. Which of the four data sets have more dispersion?

(A) 88 91 90 92 89 91

(B) 0 1 1 0 –1 –2

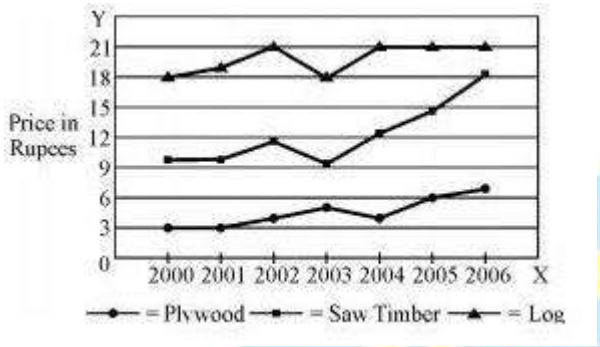
(C) 3 5 2 4 1 5

(D) 0 5 8 10 –2 –8

Ans D

Data Interpretation

In the following chart, the price of logs is shown in per cubic metre and that of Plywood and Saw Timber in per tones. Study the chart and answer the following questions.



1. Which product shows the maximum percentage increase in price over the period?
(A) Saw timber (B) Plywood (C) Log (D) None of the above
Ans A

2. What is the maximum percentage increase in price per cubic metre of log ?
(A) 6 (B) 12 (C) 18 (D) 20
Ans D

3. In which year the prices of two products increased and that of the third increased ?
(A) 2000 (B) 2002 (C) 2003 (D) 2006
Ans B

The following table presents the production of electronic items (TVs and LCDs) in a factory during the period from 2006 to 2010. Study the table carefully and answer the following questions.

Year	**2006**	**2007**	**2008**	**2009**	**2010**
TV	6000	9000	13000	11000	8000
LCDs	7000	9400	9000	10000	12000

1. In which year, the total production of electronic items is maximum?
(A) 2006 (B) 2007 (C) 2008 (D) 2010
Ans C

2. What is the difference between averages of production of LCDs and TVs from 2006 to 2008?
(A) 3000 (B) 2867 (C) 3015 (D) 2400
Ans Wrong Question

3. What is the year in which production of TVs is half the production of LCDs in the year 2010?
(A) 2007 (B) 2006 (C) 2009 (D) 2008

Ans B

4. What is the ratio of production of LCDs in the years 2008 and 2010?
(A) 4 : 3 (B) 3 : 4 (C) 1 : 3 (D) 2 : 3
Ans B

5. What is the ratio of production of TVs in the years 2006 and 2007?
(A) 6 : 7 (B) 7 : 6 (C) 2 : 3 (D) 3 : 2
Ans C

Questions are based on the following data :
Measurements of some variable X were made at an interval of 1 minute from 10 A.M. to 10:20 A.M. The data, thus, obtained is as follows :
X : 60, 62, 65, 64, 63, 61, 66, 65, 70, 68
63, 62, 64, 69, 65, 64, 66, 67, 66, 64

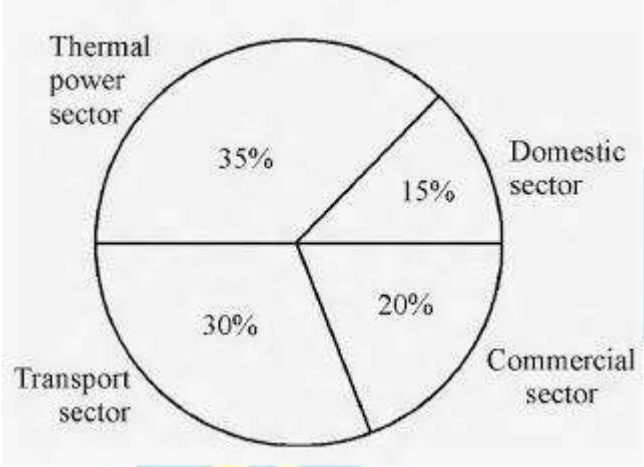
1. The value of X, which is exceeded 10% of the time in the duration of measurement, is
(A) 69 (B) 68 (C) 67 (D) 66
Ans B

2. The value of X, which is exceeded 90% of the time in the duration of measurement, is
(A) 63 (B) 62 (C) 61 (D) 60
Ans C

3. The value of X, which is exceeded 50% of the time in the duration of measurement, is
(A) 66 (B) 65 (C) 64 (D) 63
Ans B

Data Interpretation

The total CO2 emissions from various sectors are 5 mmt. In the Pie Chart given below, the percentage contribution to CO2 emissions from various sectors is indicated.



1. What is the absolute CO2 emission from domestic sector?

(A) 1.5 mmt (B) 2.5 mmt (C) 1.75 mmt (D) 0.75 mmt

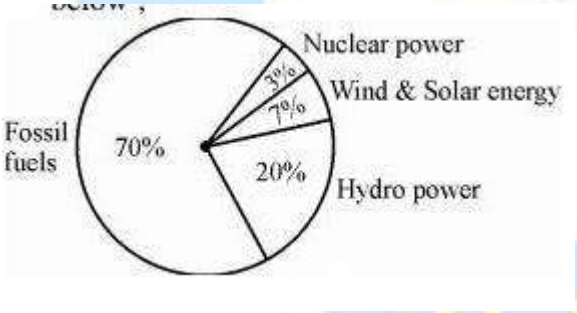
Ans D

2. What is the absolute CO2 emission for combined thermal power and transport sectors?

(A) 3.25 mmt (B) 1.5 mmt (C) 2.5 mmt (D) 4 mmt

Ans A

The total electricity generation in a country is 97 GW. The contribution of various energy sources is indicated in percentage terms in the Pie Chart given below ;



1. What is the contribution of wind and solar power in absolute terms in the electricity generation ?

(A) 6.79 GW (B) 19.4 GW (C) 9.7 GW (D) 29.1 GW

Ans A

2. What is the contribution of renewable energy sources in absolute terms in the electricity generation ?

(A) 29.1 GW (B) 26.19 GW (C) 67.9 GW (D) 97 GW

Ans B

Data Interpretation

On the basis of the data given in the following table, give answers to questions:

Government Expenditures on Social Services
(As percent of total expenditure)

Sl. No.	Items	2007-08	2008-09	2009-10	2010-11
	Social Services	11.06	12.94	13.06	14.02
(a)	Education, sports & youth affairs	4.02	4.04	3.96	4.46
(b)	Health & family welfare	2.05	1.91	1.90	2.03
(c)	Water supply, housing, etc.	2.02	2.31	2.20	2.27
(d)	Information & broadcasting	0.22	0.22	0.20	0.22
(e)	Welfare to SC/ST & OBC	0.36	0.35	0.41	0.63
(f)	Labour and employment	0.27	0.27	0.22	0.25
(g)	Social welfare & nutrition	0.82	0.72	0.79	1.06
(h)	North-eastern areas	0.00	1.56	1.50	1.75
(i)	Other social services	1.29	1.55	1.87	1.34
	Total Government expenditure	100.00	100.00	100.00	100.00

1. How many activities in the social services are there where the expenditure has been less than 5 percent of the total expenditures incurred on the social services in 2008-09?
(A) One (B) Three (C) Five (D) All the above
Ans D

2. In which year, the expenditures on the social services have increased at the highest rate?
(A) 2007-08 (B) 2008-09 (C) 2009-10 (D) 2010-11
Ans B

3. Which of the following activities remains almost stagnant in terms of share of expenditures?
(A) North-eastern areas (B) Welfare to SC/ST & OBC
(C) Information & broadcasting (D) Social welfare and nutrition
Ans C

4. Which of the following item's expenditure share is almost equal to the remaining three items in the given years?
(A) Information & broadcasting (B) Welfare to SC/ST and OBC
(C) Labour and employment (D) Social welfare & nutrition

Ans D

5. Which of the following items of social services has registered the highest rate of increase in expenditures during 2007-08 to 2010-11?

(A) Education, sports & youth affairs (B) Welfare to SC/ST & OBC

(C) Social welfare & nutrition (D) Overall social services

Ans B

6. Which of the following items has registered the highest rate of decline in terms of expenditure during 2007-08 to 2009-10?

(A) Labour and employment (B) Health & family welfare

(C) Social welfare & nutrition (D) Education, sports & youth affairs

Ans A

Read the table below and based on this table answer the following questions:

Area under Major Horticulture Crops (in lakh hectares)

Year	Fruits	Vegetables	Flowers	Total Horticulture Area
2005-06	53	72	1	187
2006-07	56	75	1	194
2007-08	58	78	2	202
2008-09	61	79	2	207
2009-10	63	79	2	209

1. Which of the following two years have recorded the highest rate of increase in area under the total horticulture?

(A) 2005-06 & 2006-07 (B) 2006-07 & 2008-09

(C) 2007-08 & 2008-09 (D) 2006-07 & 2007-08

Ans D

2. Shares of the area under flowers, vegetables and fruits in the area under total horticulture are respectively:

(A) 1, 38 and 30 percent (B) 30, 38 and 1 percent

(C) 38, 30 and 1 percent (D) 35, 36 and 2 percent

Ans A

Data Interpretation

3. Which of the following has recorded the highest rate of increase in area during 2005-06 to 2009-10?
(A) Fruits (B) Vegetables (C) Flowers (D) Total horticulture
Ans C

4. Find out the horticultural crops that have recorded an increase of area by around 10 percent from 2005-06 to 2009-10.
(A) Fruits (B)Vegetables (C) Flower (D)Total horticulture
Ans B

5. What has been the share of area under fruits, vegetables and flowers in the area under total horticulture in 2007-08?
(A) 53 percent (B) 68 percent (C) 79 percent (D) 100 percent
Ans B

6. In which year, area under fruits has recorded the highest rate of increase?
(A) 2006-07 (B) 2007-08 (C) 2008-09 (D) 2009-10
Ans A

In the following table, trends in production of energy in India by primary sources are given. Study the table and answer the following questions: (Production in peta Joules)

Year	Coal & Lignite	Crude Petroleum	Natural Gas	Electricity (Hydro & Nuclear)	Total
2006-07	7459	1423	1223	4763	14,868
2007-08	7926	1429	1248	4944	15,547
2008-09	8476	1403	1265	5133	16,277
2009-10	9137	1411	1830	4511	16,889
2010-11	9207	1579	2012	5059	17,857

1. In which year primary sources recorded the lowest growth in total production of energy?
(A) 2007–08 (B) 2008–09 (C) 2009–10 (D) 2010–11
Ans C

2. Which source of energy has shown the highest growth rate in production during 2006-07 to 2010-11?
(A) Coal & lignite (B) Crude petroleum
(C) Hydro & nuclear electricity (D) Total production of energy

Ans A

3. Which one of the following primary sources of energy has recorded the highest growth in production in 2008–09?
(A) Coal & lignite (B) Crude petroleum (C) Natural gas (D) Hydro & nuclear electricity
Ans A

4. In which year, production of hydro and nuclear electricity was almost double the production of crude petroleum and natural gas taken together?
(A) 2006–07 (B) 2007–08 (C) 2008–09 (D) 2009–10
Ans C

Following table provides details about the Foreign Tourist Arrivals (FTAs) in India from different regions of the' world in different years. Study the table carefully and answer the questions based on this table.

Region	Number of Foreign Tourist Arrival		
	2007	2008	2009
Western Europe	1686083	1799525	1610086
North America	1007276	1027297	1024469
South Asia	982428	1051846	982633
South East Asia	303475	332925	348495
East Asia	352037	355230	318292
West Asia	171661	215542	201110
Total FTAs in India	5081504	5282603	5108579

1. Find out the region that contributed around 20 percent of the total foreign tourist arrivals in India in 2009.
(A) Western Europe (B) North America (C) South Asia (D) South East Asia
Ans B

2. Which of the following regions has recorded the highest negative growth rate of foreign tourist arrivals in India in 2009?
(A) Western Europe (B) North America (C) South Asia (D) West Asia
Ans D

3. Find out the region that has been showing declining trend in terms of share of foreign tourist arrivals in India in 2008 and 2009.
(A) Western Europe (B) South East Asia (C) East Asia (D) West Asia
Ans A

4. Identify the region that has shown hyper growth rate of foreign tourist arrivals than the growth rate of the total FTAs in India in 2008.
(A) Western Europe (B) North America (C) South Asia (D) East Asia
Ans C

Read the following table and answer question based on table:

Year	Government Canals	Private Canals	Tanks	Tube wells and other wells	Other sources	Total
1997-98	17117	211	2593	32090	3102	55173
1998-99	17093	212	2792	33988	3326	57411
1999-00	16842	194	2535	34623	2915	57109
2000-01	15748	203	2449	33796	2880	55076
2001-02	15031	209	2179	34906	4347	56672
2002-03	13863	206	1802	34250	3657	53778
2003-04	14444	206	1908	35779	4281	56618
2004-05	14696	206	1727	34785	7453	58867
2005-06	15268	207	2034	35372	7314	60196

1. Which of the following sources of Irrigation has registered the largest percentage of decline in Net area under irrigation during 1997-98 and 2005-06 ?
(A) Government Canals (B) Private Canals (C) Tanks (D) Other Sources
Ans C

2. Find out the source of irrigation that has registered the maximum improvement in terms of percentage of Net irrigated area during 2002-03 and 2003-04.
(A) Government Canals (B) Tanks (C) Tube Wells and other wells (D) Other Sources
Ans D

3. In which of the following years, Net irrigation by tanks increased at the highest rate?
(A) 1998-99 (B) 2000-01 (C) 2003-04 (D) 2005-06
Ans D

4. Identify the source of irrigation that has recorded the maximum incidence of negative growth in terms of Net irrigated area during the years given in the table.

(A) Government Canals (B) Private Canals

(C) Tube Wells and other wells (D) Other sources

Ans A

5. In which of the following years, share of the tube wells and other wells in the total net irrigated area was the highest?

(A) 1998-99 (B) 2000-01 (C) 2002-03 (D) 2004-05

Ans C

For a county, CO2 emissions (million metric tons) from various sectors are given in the following table. Answer the questions based on the data given:

CO_2 emissions (million metric tons)					
Sector / Year	Power	Industry	Commercial	Agriculture	Domestic
2005	500	200	150	80	100
2006	600	300	200	90	110
2007	650	320	250	100	120
2008	700	400	300	150	150
2009	800	450	320	200	180

1. By what percentage (%), the total emissions of CO2 have increased from 2005 to 2009?

(A) ~89.32% (B) ~57.62% (C) ~40.32% (D) ~113.12%

Ans A

2. What is the average annual growth rate of CO2 emission in power sector?

(A) ~12.57% (B) ~16.87% (C) ~30.81% (D) ~50.25%

Ans A

3. What is the percentage contribution of power sector to total CO2 emission in the year 2008?

(A) ~30.82% (B) ~41.18% (C) ~51.38% (D) ~60.25%

Ans B

4. In which year, the contribution (%) of industry to total sectoral CO2 emission was minimum?

(A) 2005 (B) 2006 (C) 2007 (D) 2008

Ans A

Data Interpretation

5. What is the percentage (%) growth of CO2 emission from power sector during 2005 to 2009?
(A) 60 (B) 50 (C) 40 (D) 80
Ans A

6. Which sector has recorded maximum growth in CO2 emission during 2005 to 2009?
(A) Power (B) Industry (C) Commercial (D) Agriculture
Ans D

Question numbers 1 to 6 are based on the tabulated data given below:
:
A Company has 20 employees with their ages (in years)and salary (in thousand rupees per month) mentioned against each of them :

S.No.	Age (in years)	Salary (in thousand rupees per month)	S.No.	Age (in years)	Salary (in thousand rupees per month)
1.	44	35	11.	33	30
2.	32	20	12.	31	35
3.	54	45	13.	30	35
4.	42	35	14.	37	40
5.	31	20	15.	44	45
6.	53	60	16.	36	35
7.	42	50	17.	34	35
8.	51	55	18.	49	50
9.	34	25	19.	43	45
10.	41	30	20.	45	50

1. Classify the data of age of each employee in class interval of 5 years. Which class interval of 5 years has the maximum average salary
(A) 35 - 40 years (B) 40 - 45 years (C) 45 - 50 years (D) 50 - 55 years
Ans D

2. What is the frequency (PERC) in the class interval of 30 - 35 years ximum average salary
(A) 20 PERC (B) 25 PERC (C) 30 PERC (D) 35 PERC
Ans B

3. What is the average age of the employees
(A) 40.3 years (B) 38.6 years (C) 47.2 years (D) 45.3 years
Ans A

4. What is the fraction (PERC) of employees getting salary >= 40,000 per month age salary
(A) 45 PERC (B) 50 PERC (C) 35 PERC (D) 32 PERC
Ans A

Data Interpretation

5. What is the average salary (in thousand per month) in the age group 40 - 50 years salary

(A) 35 (B) 42.5 (C) 40.5 (D) 36.5

Ans B

6. What is the fraction of employees getting salary less than the average salary of all the employees

(A) 45 PERC (B) 50 PERC (C) 55 PERC (D) 47 PERC

Ans C

Given below in the table is the decadal data of Population and Electrical Power Production of a country.

Year	Population (million)	Electrical Power Production (GW)*
1951	20	10
1961	21	20
1971	24	25
1981	27	40
1991	30	50
2001	32	80
2011	35	100
		* 1 GW = 1000 million watt

Based on the above table, answer the following questions:

1. Which decade registered the maximum growth rate (%) of population?

(A) 1961-71 (B) 1971-81 (B) 1991-2001 (D) 2001-2011

Ans A

2. Average decadal growth rate (%) of population is:

(A) ~12.21% (B) ~9.82% (C) ~6.73% (D) ~5%

Ans B

3. Based on the average decadal growth rate, what will be the population in the year 2021?

(A) 40.34 million (B) 38.49 million (C) 37.28 million (D) 36.62 million

Ans B

4. In the year 1951, what was the power availability per person?

(A) 100 W (B) 200 W (C) 400 W (D) 500 W

Ans D

5. In which decade, the average power availability per person was maximum?
(A) 1981-1991 (B) 1991-2001 (C) 2001-2011 (D) 1971-1981
Ans C

6. By what percentage (%) the power production increased from 1951 o 2011?
(A) 100% (B) 300% (C) 600% (D) 900%
Ans D

The following table shows the percentage profit (%) earned by two companies A and B during the years 2011-15. Answer questions 1 to 3 based on the data contained in the table:

Year	**Percentage Profit (%)**	
	A	**B**
2011	20	30
2012	35	40
2013	45	35
2014	40	50
2015	25	35

Where, percent (%) Profit = (Income-Expenditure) × 100/Expenditure

1. If the total expenditure of the two companies was Rs.9 lakh in the year 2012 and the expenditure of A and B were in the ratio2:1, then what was the income of the company A in that year?
(A) Rs.9.2 lakh (B) Rs.8.1 lakh (C) Rs.7.2 lakh (D) Rs.6.0 lakh
Ans B

2. What is the average percentage profit earned by the company B?
(A) 35% (B) 42% (C) 38% (D) 40%
Ans C

3. In which year, the percentage profit earned by the company B is less than that of company A?
(A) 2012 (B) 2013 (C) 2014 (D) 2015
Ans B

Data Interpretation

The following table shows the number of people in different age groups who responded to a survey about their favourite style of music. Use this information to answer the questions that follow: (Question 4 to 6) to the nearest whole percentage:

Style of Music ↓ / Age →	Number of people (Years) 15-20	(Years) 21-30	(Years) 31+
Classical	6	4	17
Pop	7	5	5
Rock	6	12	14
Jazz	1	4	11
Blues	2	3	15
Hip-Hop	9	3	4
Ambient	2	2	2

4. Approximately what percentage of the total sample were aged 21-30?
(A) 31% (B) 23% (C) 25% (D) 14%
Ans C

5. Approximately what percentage of the total sample indicates that Hip-Hop is their favourite style of music?
(A) 6% (B) 8% (C) 14% (D) 12%
Ans D

6. What percentage of respondents aged 31+ indicated a favourite style other than classical music?
(A) 64% (B) 60% (C) 75% (D) 50%
Ans C

Data Interpretation

Consider the following two tables (I and II) that show the percentage of students in each faculty at University and the number of foreign students in the Science faculty. These percentages have been rounded to the nearest whole number. There are a total of 1049 students in the science faculty. Study these tables I and II and answer the questions that follow:

I : Students Facultywise

Name of Faculty	% of Students
Computing	22
Business	14
Science	23
Engineering	9
Arts	21
Medicine	5
Law	6

II : Foreign Students in Science Faculty

Foreign Students	Number of Science Students
American	79
Australian	4
African	2
Chinese	6
European	21

1. Approximately, what percentage of students in the Science faculty is that of foreign students?
(A) 14% (B) 9% (C) 30% (D) 11%
Ans D

2. Approximately, how many students belong to the Engineering faculty?
(A) 420 (B) 410 (C) 390 (D) 400
Ans B

3. In case, there are 34 European medical students, then approximately, what is their percentage in the medicine faculty?
(A) 13% (B) 18% (C) 12% (D) 15%
Ans D

Data Interpretation

A college has a total of 800 MCA students, 80% of whom are in class MCA-III and remaining are equally divided between class MCA-I and class MCA-II. The proportion of female students and the proportion of vegetarian students in the college are indicated as under through the table. Answer questions 4 to 6 based on this information.

Proportion of females and proportion of vegetarians in each class

Class	Female (F)	Vegetarian (V)
MCA-I	0.40	
MCA-II	0.45	0.50
MCA-III		0.55
Total	0.525	0.53

For example, in the table above, 0.525 is the total proportion of female students and 0.53 is the total proportion of vegetarian students in the college.

4. What is the percentage of female students in class MCA-III ?
(A) 40 (B) 45 (C) 50 (D) 55
Ans D

5. What is the percentage of vegetarian students in class MCA-I?
(A) 40 (B) 45 (C) 50 (D) 55
Ans A

6. How many total non-vegetarian students are there in class MCA-I and class MCA-II?
(A) 72 (B) 88 (C) 78 (D) 92
Ans B