

Directions (Q. 86-87): Following table shows the number of students from colleges A, B, C, D, E, F and G participating in an annual inter-college festival having the events as mentioned in the table. Study the events as table carefully and answer the questions which follow:

Field	A	B	C	D	E	F	G
Elocution	14	7	10	5	8	11	9
Quiz	19	15	14	20	11	15	19
Dancing	12	20	15	18	21	16	19
Painting	23	16	17	10	15	9	17
Sports	32	29	41	30	19	26	21
Singing	26	17	14	14	21	24	19
Extempore	8	12	3	9	10	6	11

86. In College D, maximum number of participants is from which of the following fields?

- (a) Quiz
- (b) Sports
- (c) Elocution
- (d) Painting
- (e) None of these

87. Which college has the highest number of participants in Dancing?

- (a) B
- (b) D
- (c) E
- (d) G
- (e) None of these

Directions (Q. 88-92): Study the table carefully to answer the questions that follow:- Number of people selecting six different Products and the percentage of Men, Women and Children in selecting those products

Product	Total Number of People	Percentage of		
		Men	Women	Children
A	45525	20	44	36
B	36800	39	33	28
C	56340	45	30	25
D	62350	38	28	34
E	48300	21	44	35
F	35580	15	35	50

88. What is the approximate average number of women selecting all the Products together?

- (a) 16707
- (b) 16686
- (c) 16531
- (d) 16429
- (e) 16311

89. Total number of women selecting Product E forms approximately what percent of the total number of people selecting all the Products together?
 (a) 11
 (b) 15
 (c) 20
 (d) 2
 (e) 7

90. What is the total number of children selecting Product A?
 (a) 14085
 (b) 5337
 (c) 20031
 (d) 16389

91. What is the respective ratio of total number of men selecting product B to those selecting Product E?
 (a) 69:49
 (b) 7:5
 (c) 208:147
 (d) 1040:739
 (e) None of these

92. Number of men selecting Product C forms what percent of those selecting Product F? (rounded off to two digits after decimal)
 (a) 21.05
 (b) 475.04
 (c) 25.56
 (d) 460.08
 (e) None of these

Directions (Q. 93-97): Study the table carefully to answer the questions that follow:-

Number of Students Appeared (Ap.) and Passed (Pass) in the Annual Examination of a School from Five Classes

Yrs.	Classes									
	VI		VII		VIII		IX		X	
	Ap.	Pass	Ap.	Pass	Ap.	Pass	Ap.	Pass	Ap.	Pass
2002	78	65	72	64	92	80	64	54	65	61
2003	67	42	66	52	78	72	56	51	60	56
2004	88	81	64	50	68	63	74	63	74	70
2005	92	79	53	38	55	41	69	66	80	72
2006	60	54	58	44	58	45	88	78	88	76
2007	64	56	48	40	46	38	52	40	90	88
2008	78	54	80	76	76	68	66	62	68	56

93. What is the average number of candidates not passed from class VII over the given years?

- (a) 9
- (b) 11
- (c) 17
- (d) 13
- (e) 19

94. What is the ratio of the total number of passed students to total number of students not passed for the year 2007?

- (a) 131 : 79
- (b) 3 : 19
- (c) 19 : 3
- (d) 131 : 13
- (e) None of these

Directions (Q. 98-102): Study the following table carefully to answer these questions.

Marks Obtained by Six Students in Different Subjects at School Examination

Marks Obtained Out of						
Stu	(75)	(75)	(120)	(150)	(80)	(60)
T	45	53	100	117	50	45
	56	58	96	132	46	50
	48	60	112	120	52	42
	62	67	88	108	48	34
	66	55	92	140	60	32
	54	64	108	116	53	40

- 98.** What is the average percentage of marks obtained by all the students in Science? (rounded off to two digits after decimal)
(a) 99 (b) 82.78
(c) 88.72 (d) 78.88
(e) None of these

99. What is the overall percentage of marks obtained by D in all subjects? (rounded off to two digits after decimal)
(a) 72.88 (b) 76.28
(c) 73.17 (d) 72.68
(e) None of these

100. What are the average marks obtained by all students in English?
(a) 51.5 (b) 64.38
(c) 56.38 (d) 60.5
(e) None of these

101. What is the ratio between total marks obtained in all subjects by F and G respectively?
(a) 87:89 (b) 89:87
(c) 67:69 (d) 69:67
(e) None of these

Directions (Q. 103-107): Study the table carefully to answer the questions that follow:

Year	Total Number of Students Studying in Various Colleges
1990	1,20,000
1991	1,30,000
1992	1,40,000
1993	1,50,000
1994	1,60,000
1995	1,70,000
1996	1,80,000
1997	1,90,000
1998	2,00,000
1999	2,10,000
2000	2,20,000
2001	2,30,000
2002	2,40,000
2003	2,50,000
2004	2,60,000
2005	2,70,000
2006	2,80,000
2007	2,90,000
2008	3,00,000
2009	3,10,000
2010	3,20,000
2011	3,30,000
2012	3,40,000
2013	3,50,000
2014	3,60,000
2015	3,70,000
2016	3,80,000
2017	3,90,000
2018	4,00,000
2019	4,10,000
2020	4,20,000
2021	4,30,000
2022	4,40,000
2023	4,50,000
2024	4,60,000
2025	4,70,000
2026	4,80,000
2027	4,90,000
2028	5,00,000
2029	5,10,000
2030	5,20,000
2031	5,30,000
2032	5,40,000
2033	5,50,000
2034	5,60,000
2035	5,70,000
2036	5,80,000
2037	5,90,000
2038	6,00,000
2039	6,10,000
2040	6,20,000
2041	6,30,000
2042	6,40,000
2043	6,50,000
2044	6,60,000
2045	6,70,000
2046	6,80,000
2047	6,90,000
2048	7,00,000
2049	7,10,000
2050	7,20,000
2051	7,30,000
2052	7,40,000
2053	7,50,000
2054	7,60,000
2055	7,70,000
2056	7,80,000
2057	7,90,000
2058	8,00,000
2059	8,10,000
2060	8,20,000
2061	8,30,000
2062	8,40,000
2063	8,50,000
2064	8,60,000
2065	8,70,000
2066	8,80,000
2067	8,90,000
2068	9,00,000
2069	9,10,000
2070	9,20,000
2071	9,30,000
2072	9,40,000
2073	9,50,000
2074	9,60,000
2075	9,70,000
2076	9,80,000
2077	9,90,000
2078	10,00,000
2079	10,10,000
2080	10,20,000
2081	10,30,000
2082	10,40,000
2083	10,50,000
2084	10,60,000
2085	10,70,000
2086	10,80,000
2087	10,90,000
2088	11,00,000
2089	11,10,000
2090	11,20,000
2091	11,30,000
2092	11,40,000
2093	11,50,000
2094	11,60,000
2095	11,70,000
2096	11,80,000
2097	11,90,000
2098	12,00,000
2099	12,10,000
20100	12,20,000
20101	12,30,000
20102	12,40,000
20103	12,50,000
20104	12,60,000
20105	12,70,000
20106	12,80,000
20107	12,90,000
20108	13,00,000
20109	13,10,000
20110	13,20,000
20111	13,30,000
20112	13,40,000
20113	13,50,000
20114	13,60,000
20115	13,70,000
20116	13,80,000
20117	13,90,000
20118	14,00,000
20119	14,10,000
20120	14,20,000
20121	14,30,000
20122	14,40,000
20123	14,50,000
20124	14,60,000
20125	14,70,000
20126	14,80,000
20127	14,90,000
20128	15,00,000
20129	15,10,000
20130	15,20,000
20131	15,30,000
20132	15,40,000
20133	15,50,000
20134	15,60,000
20135	15,70,000
20136	15,80,000
20137	15,90,000
20138	16,00,000
20139	16,10,000
20140	16,20,000
20141	16,30,000
20142	16,40,000
20143	16,50,000
20144	16,60,000
20145	16,70,000
20146	16,80,000
20147	16,90,000
20148	17,00,000
20149	17,10,000
20150	17,20,000
20151	17,30,000
20152	17,40,000
20153	17,50,000
20154	17,60,000
20155	17,70,000
20156	17,80,000
20157	17,90,000
20158	18,00,000
20159	18,10,000
20160	18,20,000
20161	18,30,000
20162	18,40,000
20163	18,50,000
20164	18,60,000
20165	18,70,000
20166	18,80,000
20167	18,90,000
20168	19,00,000
20169	19,10,000
20170	19,20,000
20171	19,30,000
20172	19,40,000
20173	19,50,000
20174	19,60,000
20175	19,70,000
20176	19,80,000
20177	19,90,000
20178	20,00,000
20179	20,10,000
20180	20,20,000
20181	20,30,000
20182	20,40,000
20183	20,50,000
20184	20,60,000
20185	20,70,000
20186	20,80,000
20187	20,90,000
20188	21,00,000
20189	21,10,000
20190	21,20,000
20191	21,30,000
20192	21,40,000
20193	21,50,000
20194	21,60,000
20195	21,70,000
20196	21,80,000
20197	21,90,000
20198	22,00,000
20199	22,10,000
20200	22,20,000
20201	22,30,000
20202	22,40,000
20203	22,50,000
20204	22,60,000
20205	22,70,000
20206	22,80,000
20207	22,90,000
20208	23,00,000
20209	23,10,000
20210	23,20,000
20211	23,30,000
20212	23,40,000
20213	23,50,000
20214	23,60,000
20215	23,70,000
20216	23,80,000
20217	23,90,000
20218	24,00,000
20219	24,10,000
20220	24,20,000
20221	24,30,000
20222	24,40,000
20223	24,50,000
20224	24,60,000
20225	24,70,000
20226	24,80,000
20227	24,90,000
20228	25,00,000
20229	25,10,000
20230	25,20,000
20231	25,30,000
20232	25,40,000
20233	25,50,000
20234	25,60,000
20235	25,70,000
20236	25,80,000
20237	25,90,000
20238	26,00,000
20239	26,10,000
20240	26,20,000
20241	26,30,000
20242	26,40,000
20243	26,50,000
20244	26,60,000
20245	26,70,000
20246	26,80,000
20247	26,90,000
20248	27,00,000
20249	27,10,000
20250	27,20,000
20251	27,30,000
20252	27,40,000
20253	27,50,000
20254	27,60,000
20255	27,70,000
20256	27,80,000
20257	27,90,000
20258	28,00,000
20259	28,10,000
20260	28,20,000
20261	28,30,000
20262	28,40,000
20263	28,50,000
20264	28,60,000
20265	28,70,000
20266	28,80,000
20267	28,90,000
20268	29,00,000
20269	29,10,000
20270	29,20,000
20271	29,30,000
20272	29,40,000
20273	29,50,000
20274	29,60,000
20275	29,70,000
20276	29,80,000
20277	29,90,000
20278	30,00,000
20279	30,10,000
20280	30,20,000
20281	30,30,000
20282	30,40,000
20283	30,50,000
20284	30,60,000
20285	30,70,000
20286	30,80,000
20287	30,90,000
20288	31,00,000
20289	31,10,000
20290	31,20,000
20291	31,30,000
20292	31,40,000
20293	31,50,000
20294	31,60,000
20295	31,70,000
20296	31,80,000
20297	31,90,000
20298	32,00,000
20299	32,10,000
20300	32,20,000
20301	32,30,000
20302	32,40,000
20303	32,50,000
20304	32,60,000
20305	32,70,000
20306	32,80,000
20307	32,90,000
20308	33,00,000
20309	33,10,000
20310	33,20,000
20311	33,30,000
20312	33,40,000
20313	33,50,000
20314	33,60,000
20315	33,70,000
20316	33,80,000
20317	33,90,000
20318	34,00,000
20319	34,10,000
20320	34,20,000
20321	34,30,000
20322	34,40,000
20323	34,50,000
20324	34,60,000
20325	34,70,000
20326	34,80,000
20327	34,90,000
20328	35,00,000
20329	35,10,000
20330	35,20,000
20331	35,30,000
20332	35,40,000
20333	35,50,000
20334	35,60,000
20335	35,70,000
20336	35,80,000
20337	35,90,000
20338	36,00,000
20339	36,10,000
20340	36,20,000
20341	36,30,000
20342	36,40,000
20343	36,50,000
20344	36,60,000
20345	36,70,000
20346	36,80,000
20347	36,90,000
20348	37,00,000
20349	37,10,000
20350	37,20,000
20351	37,30,000
20352	37,40,000
20353	37,50,000
20354	37,60,000
20355	37,70,000
20356	37,80,000
20357	37,90,000
20358	38,00,000
20359	38,10,000
20360	38,20,000
20361	38,30,000
20362	38,40,000
20363	38,50,000
20364	38,60,000
20365	38,70,000
20366	38,80,000
20367	38,90,000
20368	39,00,000
20369	39,10,000
20370	39,20,000
20371	39,30,000
20372	39,40,000
20373	39,50,000
20374	39,60,000
20375	39,70,000
20376	39,80,000
20377	39,90,000
20378	40,00,000
20379	40,10,000
20380	40,20,000
20381	40,30,000
20382	40,40,000
20383	40,50,000
20384	40,60,000
20385	40,70,000
20386	40,80,000
20387	40,90,000
20388	41,00,000
20389	41,10,000
20390	41,20,000
20391	41,30,000
20392	41,40,000
20393	41,50,000
20394	41,60,000
20395	41,70,000
20396	41,80,000
20397	41,90,000
20398	42,00,000
20399	42,10,000
20400	42,20,000
20401	42,30,000
20402	42,40,000
20403	42,50,000
20404	42,60,000
20405	42,70,000
20406	42,80,000
20407	42,90,000
20408	43,00,000
20409	43,10,000
20410	43,20,000
20411	43,30,000
20412	43,40,000
20413	43,50,000
20414	43,60,000
20415	43,70,000
20416	43,80,000
20417	43,90,000
20418	44,00,000
20419	44,10,000
20420	44,20,000
20421	44,30,000
20422	44,40,000
20423	44,50,000
20424	44,60,000
20425	44,70,000
20426	44,80,000
20427	44,90,000
20428	45,00,000
20429	45,10,000
20430	45,20,000
20431	45,30,000
20432	45,40,000
20433	45,50,000
20434	45,60,000
20435	45,70,000

Year	College				
	A	B	C	D	E
2001	1125	1200	170	1090	1114
2002	1345	1265	1342	1238	1278
2003	1290	1348	1560	1346	1662
2004	1785	1440	1660	1546	1784
2005	1890	1802	1864	1790	1986
2006	2000	2100	2200	1996	2265
2007	2160	2346	2178	2061	2448

(e) 379
Directions (Q. 108-112): Study the table carefully to answer the questions that follow.
Percentage of Men employed in five different departments of different Organizations

Org.	Total Nos. of Emp.	Department				
		HR	Mkt.	Prod.	Acc.	IT
A	2600	53	66	83	67	80
B	1750	28	72	94	38	82
C	3000	62	61	91	43	81
D	2400	64	79	79	66	47
E	1900	42	83	87	74	57

108. What is the average number of Men working in the Accounts department of all Organizations together?

$$(a) 1624 \frac{1}{5}$$

(b) $1450 \frac{2}{5}$

(e) None of these

110. Which organization has the lowest number of Men working in the Marketing department?

(b) B
(d) D

Directions (Q. 113-117): Study the following table carefully and answer the questions given below it.

Managers with overall Highest Ratings on various competencies from their respective Departments in an Assessment Centre

Dept.—	HR	Fin.	Sales	Exp.	IT
Compet.					
Leadership	50	49	50	50	45
Interpersonal Skills	45	45	45	45	20
Creativity	40	35	42	40	45
Problem solving	50	40	35	30	42
Negotiation	46	30	50	50	26
Team Building	50	41	40	48	40

- (e) 45
114. Manager from which department got the 2nd highest overall ratings on all the competencies together?

(c) $1748 \frac{1}{5}$

(d) 1330-
5

(e) None of these

- (e) Finance
115. Which competency had the lowest ratings compared to the other competencies amongst the managers of various departments? (b) Creativity

- (b) Creativity
- (d) Problem solving

116. What is the difference between the overall ratings of the Exports manager and the overall ratings of the Finance manager?

- overall ratings of the Finance manager
(a) 25 (b) 22
(c) 23

- (c) 26
(e) None of these

117. The ratings of the dimension of Interpersonal skills is 75.00 per cent of the average rating of the managers from other departments on the scale of 0 to 100, correct to two decimal places.

(b) 22
(d) 23

Directions (Q. 118-122): Study the table carefully to answer the questions that follow:
Percentage of Marks Obtained by Different Students in Different Subjects

Students	Subjects							
	Hindi (150)	English (150)	Math (150)	S.Sc. (125)	Physics (75)	Chemistry (75)	Biology (75)	Sanskrit (50)
Ankita	60	64	67	59	70	65	68	70
Bakul	75	95	92	87	84	74	90	77
Chaitanya	93	71	76	74	79	62	64	82
Deepali	66	56	70	66	71	64	72	58
Gauri	62	75	62	88	78	80	74	64
Himani	58	60	64	54	70	60	72	66

**Directions (Q. 123-127): Study the table carefully to answer the questions that follow:
Number of Students Appeared (App) and Qualified (Quld), for an Examination, in Six States
Over the Years**

Years	States											
	A		B		C		D		E		F	
	App	Quld	App	Quld	App	Quld	App	Quld	App	Quld	App	Quld
2001	1567	124	1745	156	1684	150	1440	165	1564	162	1886	142
2002	1678	110	1897	178	1550	178	1390	172	1575	188	1764	186
2003	1785	156	1674	162	1754	210	1364	114	1510	214	1738	194
2004	1630	234	1986	154	1806	186	1478	138	1654	196	1644	182
2005	1805	256	2107	193	1666	198	1560	189	1690	180	1680	176
2006	1922	234	2080	245	1884	254	1672	193	1432	206	1572	222
2007	1790	198	2095	220	1728	202	1778	195	1864	216	1444	218

Directions (Q. 128-137): These questions are based on the data in the following table. Study it carefully and answer the questions.

Population (in lakhs) of various states over the years

Years	States									
	A	B	C	D	E	F	G	H	I	J
1995	56	37	62	48	63	53	71	69	53	73
1996	64	42	60	46	64	56	72	72	52	75
1997	70	39	63	45	61	52	69	73	55	76
1998	69	43	61	47	65	55	73	68	54	77
1999	73	40	65	49	62	54	71	67	57	79
2000	65	45	66	52	63	58	74	75	56	80
2001	72	47	69	51	60	57	72	74	58	81
2002	77	52	67	52	64	59	75	76	59	83
2003	76	50	63	53	66	60	76	78	60	84
2004	75	53	70	50	68	61	74	77	62	85

132. Which state had the lowest population in 2004?
 (a) B (b) J
 (c) D (d) F
 (e) None of these
133. What was the population of State 'F' in 1996?
 (a) 46,00,000 (b) 56,00,000
 (c) 58,00,000 (d) 48,00,000
 (e) None of these
134. What was the population of State 'G' in 2001?
 (a) 72 lakhs (b) 74 lakhs
 (c) 71 lakhs (d) 78 lakhs
 (e) None of these
135. Population of State 'A' was the lowest in which year?
 (a) 1995 (b) 1997
 (c) 2000 (d) 1998
 (e) None of these
136. What was the total population (in lakhs) of States 'C' and 'D' in 2004?
 (a) 125 (b) 130
 (c) 120 (d) 123
 (e) None of these
137. What was the difference between population of States E & F in 2001?
 (a) 2 lakhs (b) 2.5 lakhs
 (c) 3.5 lakhs (d) 3 lakhs
 (e) None of these

Directions (Q. 138-142): Study the table carefully to answer the questions that follow.

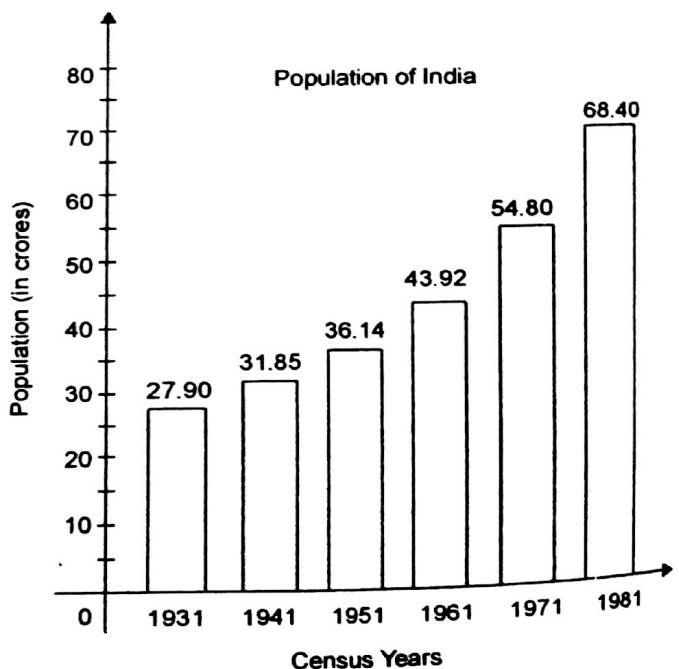
Number of students studying in different standards of 6 different schools

Standard \ School	I	II	III	IV	V	VI
A	42	54	48	58	50	38
B	50	60	58	45	45	46
C	40	48	58	46	42	54
D	45	55	46	40	52	50
E	48	55	44	55	52	48
F	52	52	54	42	60	54

138. What is the approximate average number of students studying in Standard I from all Schools together?
 (a) 38 (b) 50
 (c) 40 (d) 43
 (e) 46

139. Number of students studying in Standard IV from School E is what percent of those studying in Standard IV from School D?
 (a) 128 (b) 132.5
 (c) 124 (d) 137.5
 (e) None of these
140. Which School has the highest total number of students from all the given standards together?
 (a) E (b) F
 (c) B (d) A
 (e) None of these
141. Which standard has the lowest total number of students from all the given schools together?
 (a) V (b) VI
 (c) I (d) IV
 (e) None of these
142. What is the respective ratio of students studying in Standard III of Schools A and B together to those studying in Standard VI of Schools C and D together?
 (a) 53:52 (b) 43:47
 (c) 25:27 (d) 39:38
 (e) None of these

the population (in crores) of India in various census years. Observe the graph and answer Question Nos. 143 to 146 based on it.



143. The percent increase in population from 1971 to 1981 is
 (a) 24.8 (b) 20
 (c) 16.7 (d) 22.9
 (e) None of these

144. In which census year, the percent increase in population is highest as compared to that in the previous census year?

- (a) 1951
- (b) 1961
- (c) 1971
- (d) 1981

(e) None of these

145. In which census year, the percent increase in population is least as compared to that in the previous census year?

- (a) 1961
- (b) 1951
- (c) 1971
- (d) 1941

(e) None of these

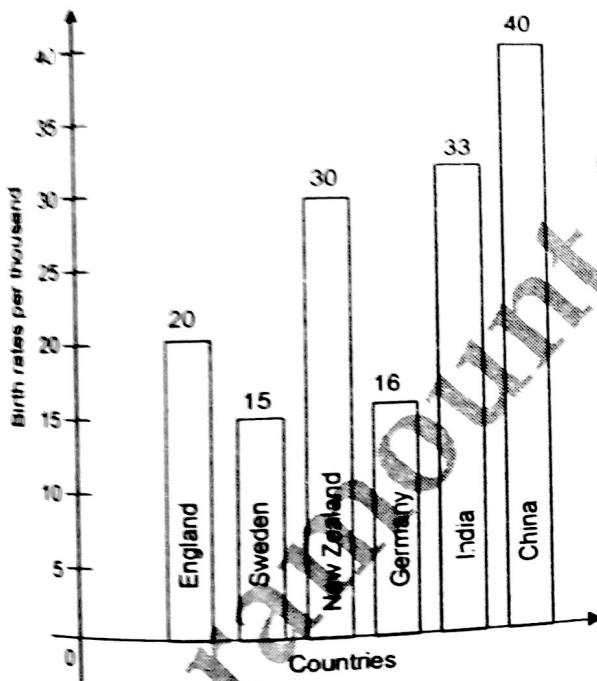
146. Per year increase in population from the year 1931 to 1981 is

- (a) 8100000
- (b) 7600000
- (c) 8900000
- (d) 6700000

(e) None of these

Direction : (Q. 147-151) Study the bar diagram given below carefully and answer the following questions based on it.

Birth rates in different countries



147. The birth-rate of which country is 25% more than that of Germany?

- (a) India
- (b) China
- (c) England
- (d)

(e) None of these

148. The birth-rate of India is what percent of the birth-rate of England?

- (a) 165%
- (b) 155%
- (c) 140%
- (d) 100%

(e) None of these

149. The birth-rate China is how many times the birth rate of Germany?

- (a) 0.4
- (b) 5.2
- (c) 4.0
- (d) 2.5

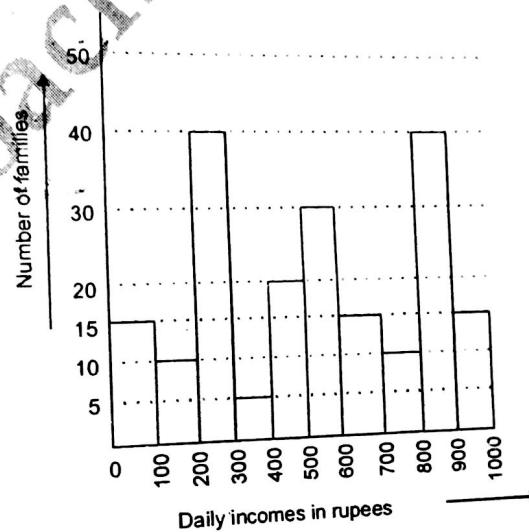
150. What is the ratio of birth-rate of India to that of Sweden?

- (a) 5 : 11
- (b) 11 : 5
- (c) 2 : 1
- (d) 1 : 2

151. By how much percent is the birth-rate of England less than the birth-rate of New

- (a) 30%
- (b) $33\frac{1}{3}\%$
- (c) 45%
- (d) 50%

Directions: The Histogram, given below, shows the number of families of a locality having various daily incomes, as obtained by a survey. Observe the graph and answer question Numbers 152-156 based on it.



152. In all, how many families were surveyed?

- (a) 235
- (b) 220
- (c) 200
- (d) 195

(e) None of these

153. The number of families, whose daily incomes are ₹ 800 or above, is

- (a) 50
- (b) 55
- (c) 65
- (d) 80

(e) None of these

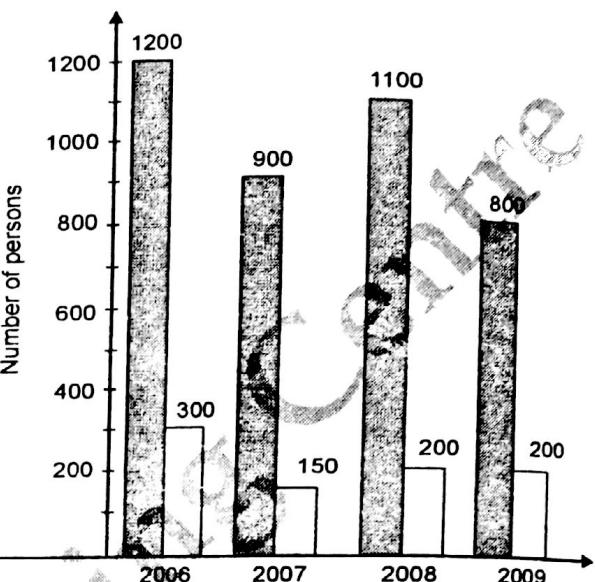
154. The number of families, whose daily incomes are below ₹ 200, is

- (a) 25
- (b) 20
- (c) 15
- (d) 10

(e) None of these

Directions: Study the bar diagram and answer question nos 162-166 based on it.

- Persons killed in industrial accident
- Persons killed in coal mines



162. The number of persons killed in coal mines in 2006 was what per cent of those killed in industrial accidents in the year?

- (a) 4 (b) 25
(c) 36 (d) 300
(e) None of these

163. In which year, minimum number of persons were killed in industrial accidents and coal mines together?
(a) 2006 (b) 2007
(c) 2008 (d) 2009
(e) None of these

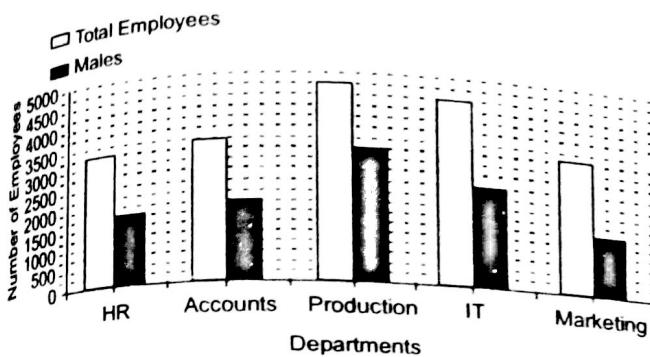
164. In which year, maximum number of persons were killed in industrial accidents other than those killed in coal mines?
(a) 2006 (b) 2007
(c) 2008 (d) 2009
(e) None of these

165. In which year, minimum number of persons were killed in coal mines other than those killed in industrial accidents?
(a) 2006 (b) 2007
(c) 2008 (d) 2009
(e) None of these

166. In a year, on an average, how many persons were killed in industrial accidents and coal mines together?
(a) 121.25 (b) 1212
(c) 1212.5 (d) 1000
(e) None of these

Directions (Q. 167-171): Study the following graph carefully to answer the question that follows:

Number of Employees working in five different Departments of an Organization and the number of Males from the same



167. Number of Females from the HR Department forms approximately what percent of the total number of Employees from the same Department?

- (a) 41
- (b) 32
- (c) 46
- (d) 38
- (e) 51

168. What is the total number of Employees from all the Departments together?

- (a) 19250
- (b) 18640
- (c) 20160
- (d) 17620
- (e) None of these

169. What is the respective ratio of the number of Females to the number of Males from the Marketing Department?

- (a) 11:8
- (b) 7:6
- (c) 8:11
- (d) 6:7
- (e) None of these

170. What is the number of females working in the IT Department?

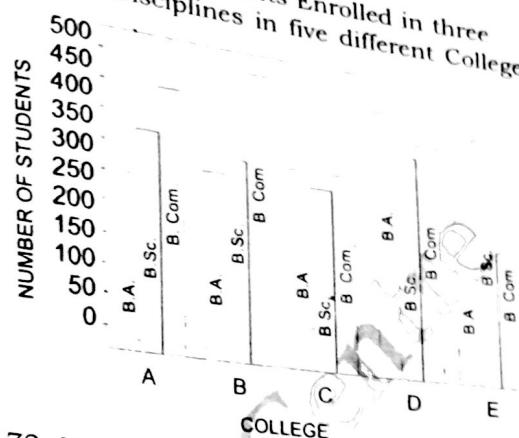
- (a) 1750
- (b) 2750
- (c) 2250
- (d) 2500
- (e) None of these

171. The number of Males in the Production Department forms what percent of the total number of Employees from that department? (rounded off to two digits after decimal)

- (a) 76.88
- (b) 72.64
- (c) 62.25
- (d) 68.42
- (e) None of these

Directions (Q. 172-176): Study the following graph carefully to answer the questions that follow.

Number of Students Enrolled in three Different Disciplines in five different Colleges



172. Number of students studying B. Com. in College C forms approximately what percent of the total number of students studying B. Com. in all the Colleges together?

- (a) 39
- (b) 21
- (c) 44
- (d) 33
- (e) 17

173. What is the respective ratio of total number of students studying B.Sc., B.A. and B. Com. in all the College together?

- (a) 71:67:75
- (b) 67:71:75
- (c) 71:68:75
- (d) 75:71:68
- (e) None of these

174. What is the total number of students studying B. Sc. in all the Colleges together?

- (a) 1825
- (b) 1975
- (c) 1650
- (d) 1775
- (e) None of these

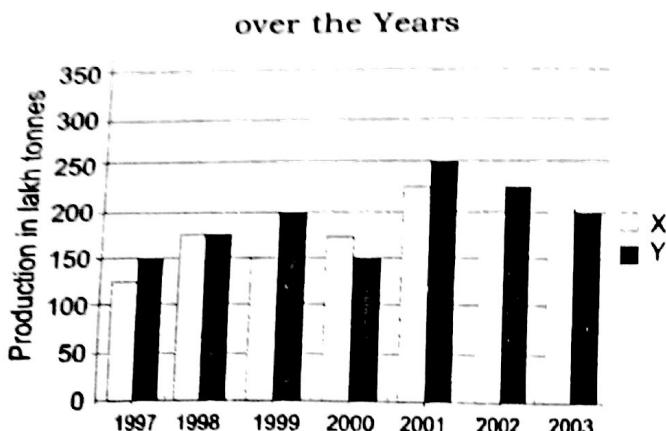
175. Number of students studying B.A. in College B forms what percent of total number of students studying all the disciplines together in the College? (rounded off to two digits after decimal)

- (a) 26.86
- (b) 27.27
- (c) 29.84
- (d) 32.51
- (e) None of these

176. What is the respective ratio of total number of students studying B. Sc. in the Colleges C & E together to those studying B.A. in the Colleges A & B together?

- (a) 24:23
- (b) 25:27
- (c) 29:23
- (d) 22
- (e) None of these

Directions (Q. 177-181): Study the following graph carefully to answer these questions.



177. For which of the following pair of years the total production of the two commodities together is equal?
 (a) 1997 & 2000 (b) 2002 & 2003
 (c) 2001 & 2003 (d) 1998 & 1999
 (e) 1998 & 2000

178. What is the respective ratio between total production respectively for all the seven years together?
 (a) 26:27 (b) 13:14
 (c) 27:26 (d) 14:13
 (e) None of these

179. During which year the percentage increase/decrease in production of the maximum?
 (a) 1998 (b) 2000
 (c) 2003 (d) 2002
 (e) None of these

180. Approximately, what was the average production (in lakh tonnes) of commodity Y?
 (a) 225 (b) 216
 (c) 195 (d) 185
 (e) 205

181. What is the ratio between total production of the two commodities together for year 1997, 1998 & 1999 and the total production of the two commodities together for years 2001, 2002 & 2003 respectively?
 (a) 9:13 (b) 13:18
 (c) 18:13 (d) 10:13
 (e) None of these

Directions (Q. 182-186): Study the information carefully to answer the following questions:

An organization consists of 1500 employees. The ratio of males to females is

17:13 respectively. All the employees work at five different levels named I, II, III, IV and V. 28 percent of females are at level I. 18 percent of the males work at level II. One-fifth of the males work at level V. The ratio of females to males at the level II is 2:3 respectively. 25 percent of the total numbers of employees are at level III. Females working at level V are 60 percent of the males working at the same level. 18 percent of the females are at level IV. The remaining females are at level III. 16 percent of the males work at level I and the remaining males are working at level IV.

182. What is the number of males working at level III?

- (a) 136 (b) 228
 (c) 253 (d) 163
 (e) 270

183. Number of males working at level IV forms what percent of the number of females working at the same level? (rounded off to two digits after decimal)

- (a) 145.52 (b) 169.12
 (c) 123.42 (d) 150.62
 (e) 139.32

184. What is the number of females working at level V?

- (a) 147 (b) 182
 (c) 117 (d) 102
 (e) None of these

185. Number of males working at level I forms approximately what percent of total number of the employees in the organization?

- (a) 9 (b) 13
 (c) 18 (d) 22
 (e) 28

186. What is the total number of females working at level II and IV together?

- (a) 81 (b) 118
 (c) 219 (d) 264
 (e) None of these

Carefully to answer the questions that follow:

There are two companies A and B. Both companies produce all the four different products viz Computers, Phones, Pen drives and Compact Discs (CDs). Company A produces a total of 800 products. The respective ratio between the total products produced by Company A and Company B is 4 : 5. 20% of the total products produced by Company B are Pen drives and 40% of them are CDs. Two-fifth of the remaining products produced by Company B are Phones. The total number of

computers produced by both the companies together is 340. 20% of the total products produced by company A are CDs. Company A produces equal number of Pen drives and Phones.

(e) None of these

Directions (Q. 192-196): Study the information carefully to answer the questions that follow.

In a school there are 1200 students who have

who visited Delhi. The remaining two-thirds who visited Mumbai is 300. Twenty percent

who visited Mumbai is 300. Twenty percent of the total boys visited Delhi. Forty percent

- 192.** What is the total number of girls who visited Delhi, Mumbai and Varanasi together?

193. Total number of students who visited
approximately what percent
of number of girls who visited Delhi?
(a) 111

194. What is the average number of boys who
together?
(a) 110

- (a) 110
(c) 101
(e) None of these

195. What is the total number of students who

- (e) None of these

196. What is the respective ratio b/w

- number of boys

Directions (Q. 197-201): Study the following information carefully and answer the questions given below it.

There are 5200 employees in an organization working in various departments viz. HR, Marketing, Finance, IT and Legal. The employees in the various departments are either graduates or Postgraduates. 25% of the total number of employees are from HR department. 12% of the total number of employees are from Marketing department. 45% of the total number of employees in the HR department are Graduates. 50% of the total number of employees in the Marketing department are postgraduates. 18% of the total number of employees in the organization are from Finance department out of which 75% are postgraduates. 546 employees from IT department are Postgraduates. 15% of the total number of employees in the organization are in Legal department. 60% of the total number of employees in Legal department are graduates.

197. What is the total number of employees in IT department?
(b) 1300

(e) None of these

Directions (Q. 202-206): Study the following information carefully to answer the questions that follow:

In a school there are 800 students who have visited five different cities viz. Delhi, Ajmer,

percent of the total students are boys. One-fourth of the total number of girls visited Mumbai. Twenty five percent of the total number of girls visited Delhi. Number of girls

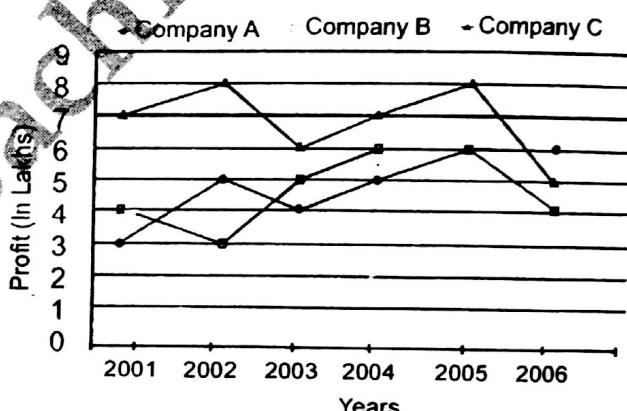
who visited Delhi. Five-sixth of the remaining girls visited Ajmer. Total number of students who visited Mumbai is 192. One-fourth of the total number of boys visited Varanasi. 101 boys have visited Ajmer. Two-third of the remaining number of boys have visited Delhi.

Directions (Q. 207-211): Study the graph carefully to answer the questions that follow.

Profit (in lakhs) made by three

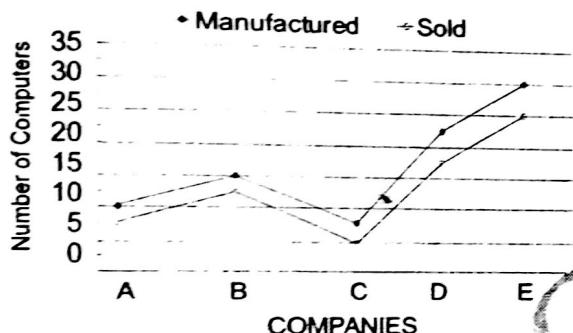
Companies over the years

~~Profit = Income - Expenditure~~



Directions (Q. 212-216): Study the following graph carefully to answer the questions that follow:

Number of Computers Manufactured and Sold by Various Companies Over the Years



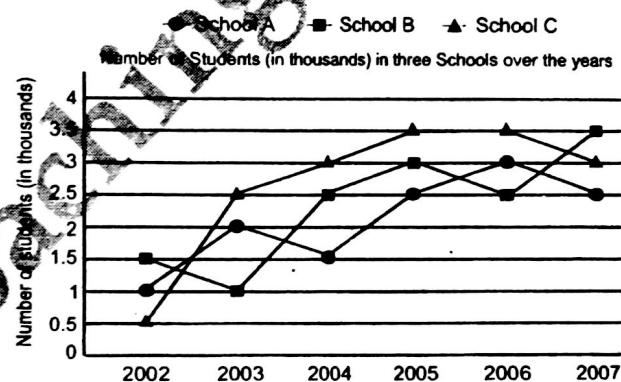
215. The number of Computers sold by Company B are what percent of the number of Computers manufactured by Company B? (rounded off to two digits after decimal)

- ~~216.~~ The number of Computers manufactured by Company B are approximately what percent of the number of Computers manufactured by all the companies together?

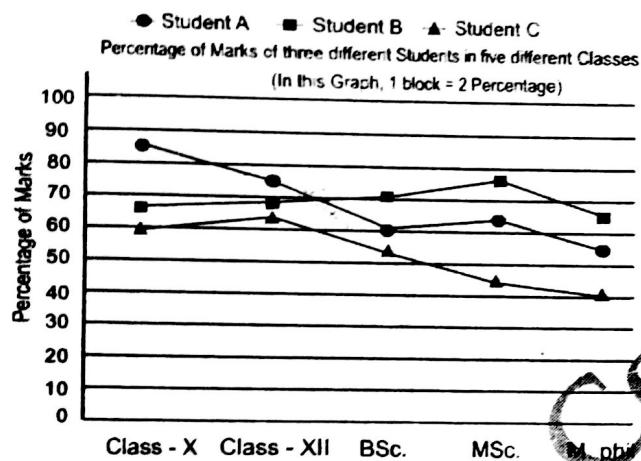
- (a) 22
(c) 14
(e) 32

(b) 18
(d) 26

Directions (Q. 217-218) Study the following graph carefully to answer the questions that follow.



Directions (Q. 222-225): Study the following graph carefully to answer the questions that follow:



Answers with Explanation

DATA INTERPRETATION

1. (d) $\frac{540}{360} \times x = 105$
 $x = 70^\circ$
2. (b) $(360^\circ - (90^\circ + 65^\circ + 70^\circ + 55^\circ)) = 80^\circ$
3. (a) $\frac{540}{360} \times (90 - 70) = \frac{540}{360} \times 20 = 30$
4. (b) $\frac{540}{360} \times 80 = 120$
5. (c) $\frac{48000}{360} \times 15 = 2000$
6. (c) $\frac{48000}{360} \times 30 = 4000$
7. (b) food : saving = $120 : 60 = 2 : 1$
8. (b) total expenditure of the family = 48000.
9. (d) $\frac{120}{360} \times 1080 = 360$
10. (a) $\frac{100}{360} \times 1080 = 300$
11. (b) $\frac{140}{360} \times 1080 = 420$
12. (c) $\frac{270}{1080} \times 100 = 25$
13. (a) $\frac{720}{360} \times (120 - 100) = \frac{720}{360} \times 20 = 40$
14. (c) $\frac{720}{360} \times 60 = 120$
15. (a) Sivaraman
16. (d) $\frac{10}{100} \times 360 = 36$
17. (b) Cost on leather = Rs. 17500
 $\frac{35}{100} \times \text{total cost} = 17500$
 Total C.S. = 50000
 Royalty = 15% of 50000
 Royalty = Rs. 7500
18. (c) $\frac{4}{100} \times \text{total cost} = 6000$
 Total cost = 150000
 Labour charges - Royalty = $18 - 15 = 3$
 $\frac{3}{100} \times 150000 = 4500$
19. (b) $(35 - 18) \times \frac{360}{100} = 17 \times 3.6 = 61.2$
20. (b) $\frac{10}{35} \times 100 = 28.6$
21. (c), 22. (d), 23. (b), 24. (a)
25. (d) $\frac{1500}{5} \times 18 = 5400$
26. (b) Cloth : Stiching = $35 : 15 = 7 : 3$
27. (a) $\frac{35}{100} \times \text{total cost} = 10500$
 total cost = 30000
 cost of transport = 15% of total cost
 $= \frac{15}{100} \times 30000 = 4500$
28. (c) $100\% = 360$
 $1\% = 3.6^\circ$
 angle for packing charges = $12 \times 3.6 = 43.2^\circ$
29. (a) Packaging expenses
 $= 5\% \text{ of total expenditure} = 1500$
 total expenditure = 30000
 Cost of each hankerchief =
 $\frac{\text{total expenditure}}{\text{total number of hankerchief}} = \frac{30000}{5000} = 6$
 25% profit = $\frac{25}{100} \times 6 = 1.5$
 marked price = $6 + 1.5 = 7.5$
30. (d) $360^\circ = 100\%$
 $1^\circ = \frac{1}{3.6}$
 amount spent on labour = $\frac{1500000}{360} \times 90 = 375000$
31. (a) (Brick + Steel + Cement) = $(54 + 54 + 72)$
 $= \frac{180}{360} \times 100 = 50$
32. (b) $\frac{36}{72} \times 100 = 50$
33. (c) $\frac{144}{360} \times 1500000 = 600000$
34. (a) $\frac{9000}{45} \times 100 = 20000$
 extra amount spent on hockey = $20000 - 9000 = 11000$
35. (c) amount spent on cricket = 32000
36. (d) total amount spent on all sports = 72000
37. (e) $\frac{35}{100} \times x = 17500$
 $x = 50000$
 15% of 50000 = Royalty = 7500
38. (b)

39. (c) 92. (e)
 40. (d) 93. (b)
 41. (a) 94. (e)
 42. (c) 95. (a)
 43. (b) 96. (e)
 44. (d) 97. (c)
 45. (d) 98. (b)
 46. (e) 99. (d)
 47. (c) 100. (b)
 48. (d) 101. (a)
 49. (c) 102. (c)
 50. (a) 103. (b)
 51. (a) 104. (d)
 52. (c) 105. (a)
 53. (d) 106. (c)
 54. (e) 107. (e)
 55. (b) 108. (e)
 56. (c) 109. (c)
 57. (d) 110. (b)
 58. (a) 111. (e)
 59. (b) 112. (a)
 60. (e) 113. (b)
 61. (b) 114. (c)
 62. (c) 115. (e)
 63. (b) 116. (e)
 64. (a) 117. (e)
 65. (a) 118. (a)
 66. (a) 119. (e)
 67. (b) 120. (e)
 68. (c) 121. (a)
 69. (d) 122. (e)
 70. (c) 123. (d)
 71. (a) $\frac{(150 + 90 + 115 + 200 + 190)}{5} = \frac{745}{5} = 149$ 124. (c)
 72. (d) $(80 + 75 + 90 + 110 + 120) = 475$ 125. (b)
 73. (c) 126. (a)
 74. (e) 127. (e)
 75. (b) 128. (e)
 76. (e) 129. (a)
 77. (d) 130. (d)
 78. (b) 131. (b)
 79. (d) 132. (c)
 80. (c) 133. (b)
 81. (a) $\frac{780}{(780 + 760 + 820 + 800 + 780)} \times 100 = 12$ 134. (a)
 82. (b) 135. (a)
 83. (c) 136. (c)
 84. (a) 137. (d)
 85. (c) 138. (e)
 86. (b) 139. (d)
 87. (c) 140. (b)
 88. (a) 141. (c)
 89. (e) 142. (a)
 90. (d) 143. (a) $\frac{68.4 - 54.8}{54.8} \times 100 = \frac{13.6}{54.8} \times 100 = 24.8$
 91. (c) 144. (d)

- | | | | |
|------|---|------|-----------|
| 145. | (b) | | |
| 146. | (a) | 182. | (d) |
| 147. | (c) | 183. | (e) |
| 148. | (a) $\frac{33}{20} \times 100 = 165$ | 184. | (d) |
| 149. | (d) $\frac{40}{16} = 2.5$ | 185. | (a) |
| 150. | (b) $33:15 = 11:5$ | 186. | (e) |
| 151. | (b) $\frac{30-20}{30} \times 100 = 33\frac{1}{3}\%$ | 187. | (e) 9 : 8 |
| 152. | (c) 200 | 188. | (a) |
| 153. | (b) 55 | 189. | (e) 27 |
| 154. | (a) 25 | 190. | (b) |
| 155. | (d) 55 | 191. | (c) |
| 156. | (a) 90 | 192. | (b) |
| 157. | (d) 20 | 193. | (c) |
| 158. | (b) 2.5 | 194. | (a) |
| 159. | (c) $\frac{12.5}{100} \times 100000 = 12500$ | 195. | (e) |
| 160. | (c) Food | 196. | (a) |
| 161. | (a) Housing | 197. | (c) |
| 162. | (b) $\frac{300}{1200} \times 100 = 25$ | 198. | (e) 2587 |
| 163. | (d) | 199. | (a) |
| 164. | (b) | 200. | (c) |
| 165. | (b) | 201. | (d) |
| 166. | (c) | 202. | (c) |
| 167. | (c) | 203. | (b) |
| 168. | (a) | 204. | (a) |
| 169. | (b) | 205. | (e) 131 |
| 170. | (e) | 206. | (e) |
| 171. | (d) | 207. | (a) |
| 172. | (e) | 208. | (d) |
| 173. | (e) | 209. | (c) |
| 174. | (d) | 210. | (b) |
| 175. | (b) | 211. | (e) |
| 176. | (c) | 212. | (e) |
| 177. | (d) | 213. | (e) |
| 178. | (e) | 214. | (c) |
| 179. | (a) | 215. | (b) |
| 180. | (e) | 216. | (b) |
| 181. | (e) | 217. | (c) |
| | | 218. | (a) |
| | | 219. | (d) |
| | | 220. | (b) |
| | | 221. | (c) |
| | | 222. | (b) |
| | | 223. | (c) |
| | | 224. | (d) |
| | | 225. | (a) |



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