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Date Interpretation Table Chart Questions for Bank Clerk Mains and PO Pre Exams.

DI Table Chart Quiz 45

Direction: Study the following table carefully and answer the questions based on it.

Advertisement revenues (in Rs. thousand) generated from Printed Version (PV) and Online Version (OV) of 6 magazines during 6 months

Month	Magazine A		Magazine B		Magazine C		Magazine D		Magazine E		Magazine F	
	PV	OV	PV	OV	PV	OV	PV	OV	PV	OV	PV	OV
July	169	163	201	145	136	141	209	168	152	209	131	184
Aug	144	171	157	139	156	149	132	223	186	217	98	190
Sept	129	148	204	144	152	174	174	164	116	185	118	219
Oct	163	139	232	139	168	207	148	172	129	156	174	236
Nov	113	152	128	151	196	209	132	211	187	139	168	111
Dec	172	141	142	163	178	243	211	177	154	144	151	194

1. Which of the given statements is/are true?

A) Total advertisement revenue generated from online version by magazine E in all the given months together is exactly 42% less than the total advertisement revenue generated from printed version by the same magazine in all the given months together.

B) The difference between advertisement revenue generated (from both online and printed versions) by all the given magazines in July and advertisement revenue generated (from both Online and Printed version) by all the given magazines in Dec is Rs. 62000.

C) Only for one magazine the advertisement revenue generated from printed version displayed a constant increase from the previous month during the given 6-month period.

A. Only (B) and (C) B. Only (A) and (B) C. Only (A) D. Only (B) E. All (A), (B) and (C)

2. Total advertisement revenue generated from online version by Magazine F in all the given months together is by what per cent more than the total advertisement revenue generated from printed version by the same magazine in all the given months together?

A. 25% B. 27.5% C. 35% D. 30% E. 32.5%

3. In case of Magazine C, between which two given months was there approximately 15% rise in advertisement revenues generated (From both printed and online version together)?

A. July - Aug. B. Aug- Sept. C. Nov- Dec D. Sept. - Oct E. Oct. - Nov.

4. What is the ratio of the total advertisement revenue generated from online version of all the given magazines together in Aug to the total advertisement revenue generated from printed version of all the given magazines together in Nov?

A. 33 : 28

B. 39 : 29

C. 27 : 18

D. 36 : 20

E. 28 : 22

5. The total advertisement revenue generated from printed version by Magazine A in July and Oct together is what per cent less than the total advertisement revenue generated from online version by magazine D in Aug and Dec together?

A. 32

B. 24

C. 87

D. 19

E. 17

Correct Answers:

1	2	3	4	5
D	C	D	A	E

Explanation :

1. Check options one by one.

(A) Total revenue generated from Online version by Magazine T = $209 + 217 + 185 + 156 + 139 + 144 =$ Rs. 1050 thousand

Total revenue generated form Printed version by Magazine T = $152 + 186 + 116 + 129 + 187 + 154 =$ Rs. 924 thousand

Online version revenue is more than Printed version revenue. Thus, (A) is not true.

(B) Total revenue generated by all the given magazines in July = $169 + 163 + 201 + 145 + 136 + 141 + 209 + 168 + 152 + 209 + 131 + 184 =$ Rs. 2008 thousand = Rs. 2008000

Total revenue generated by all the given magazines in Dec = $172 + 141 + 142 + 163 + 178 + 243 + 211 + 177 + 154 + 144 + 151 + 194 =$ 2070

\therefore Difference = $2070 - 2008 = 62$ thousand = Rs. 62000. Hence, B is true.

(C) Neither type of magazines shows constant increased in its revenue from previous month.

Hence (C) is not true.

Thus, only (B) is true.

Hence, option (D) is correct.

2. Total revenue generated from Online version by Magazine F = 184 + 190 + 219 + 236 + 111 + 194 = Rs. 1134 thousand

Total revenue generated from Printed version by magazine F = 131 + 98 + 118 + 174 + 168 + 151 = Rs. 840 thousand

$$\therefore \text{Reqd. \%} = \frac{1134 - 840}{840} \times 100 = \frac{294 \times 100}{840} = 35\%$$

Hence, option (C) is correct.

3.

$$\% \text{ rise from July to Aug} = \frac{305 - 277}{277} \times 100 = \frac{28 \times 100}{277} = 10.10\%$$

$$\text{Similarly, Aug to Sept} = \frac{326 - 305}{305} \times 100 = \frac{21 \times 100}{305} = 6.88\%$$

$$\text{Sept to Oct} = \frac{375 - 326}{326} \times 100 = \frac{49 \times 100}{326} \approx 15\%$$

$$\text{Oct to Nov} = \frac{405 - 375}{375} \times 100 = \frac{30 \times 100}{375} = 8\%$$

$$\text{Nov to Dec} = \frac{421 - 405}{405} \times 100 = \frac{16 \times 100}{405} = 3.9\%$$

Hence the required answer is Sept to Oct.

Therefore, option (D) is correct.

4. Reqd. ratio = (171 + 139 + 149 + 223 + 217 + 190) : (113 + 128 + 196 + 132 + 187 + 168) = 1089 : 924
= 33 : 28
Hence, option (A) is correct.

5. Total revenue generated from printed version by Magazine A in July and Oct = 169 + 163 = 332
Total revenue generated from Online version by magazine D in Aug and Dec = 223 + 177 = 400

$$\therefore \text{Required \%} = \frac{400 - 332}{400} \times 100 = \frac{68}{400} = 17\%$$

Hence, option (E) is correct.



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