

GENERAL AWARENESS

1. Mr. Digambar V. Kamat has taken over as which of the following a few months back?
A Governor of Goa
B. Chief Minister of Goa
C. Governor of Meghalaya
D. Governor of Rajasthan
E. None of these

Solution:B

2. Who amongst the following Indians was recently awarded King Charles II Medal by the UK?
A Dr. Manmohan Singh
B. Smt. Sonia Gandhi
C. Dr. A. P. J. Abdul Kalam
D. Smt. Vasundhara Raje
E. None of these

Solution:C

3. Miss Riyo Mori who was crowned as Miss Universe 2007 belongs to which of the following countries?
A Japan
B. U.S.A
C. China
D. Singapore
E. South Korea

Solution:A

4. Which of the following countries has decided to build a road to the base camp of Mt. Everest?
A India
B. China
C. Nepal

- D. Myanmar
- E None of these

Solution:B

5. 'Bharti Airtel', the largest mobile company of India recently joined the elite club of companies earning profits of more than US \$ 1 billion . What has been the net profit of the Company in the year 2006-07?

About—

- A Rs. 3500 crores
- B. Rs. 4000 crores
- C. Rs. 4250 crores
- D. Rs. 4450 crores
- E. Rs. 4500 crores

Solution:C

6. 'SEBI' bans some companies for their role in 'F & O Scam', was the news in some major newspapers. What is the full form of 'F & O'?

- A. Fair & Optimum
- B. Free & Operational
- C. Future & Operations
- D. Future & Options
- E. None of these

Solution:D

7. Which of the following African countries recently launched its communication satellite for the first time? (The satellite was launched from China.)

- A Nigeria
- B. Kenya
- C. Zimbabwe
- D. Mauritius
- E. None of these

Solution:A

8. The President of Brazil was recently on a visit to India where he signed several trade agreements. Which of the following has been the major area of trade relations between the two countries?

- A Oil exploration
- B. Supply of agro products
- C. Production of nuclear fuel
- D. Import of electronic goods

E. None of these

Solution:A

9. The World Islamic Economic Forum was held recently in

A Malaysia

B. Kuwait

C. Iran

D. Brazil

E. Indonesia

Solution:A

10. In an important meeting of the National Development Council held in New Delhi the Prime Minister of India made a special mention of a particular sector of Indian economy which in his opinion was suffering from a “Technological Fatigue for lack of breakthrough in production.” He was talking of which of the following sectors?

A. Agriculture Sector

B. Oil Sector

C. Service Sector

D. Defence Sector

E None of these

Solution:A

11. Which of the following was the major issue of discussion in the G-8 Summit held recently in Germany?

A Subsidy to agro products

B. Climate protection

C. Financial Aid to Iraq

D. Nuclear Technology and possibility of space war

E. None of these

Solution:B

12. As per the Economic Survey 2006-07 India's share in World Export has been—

A 0.5%

B. 0.75%

C. 1%

D. 1.25%

E. 1.5%

Solution:C

13. How much amount approximately the Govt. of India is planning to provide for Mid

Day Meal Scheme? (As per Budget 2007-08)

- A Rs. 5000 crores
- B. Rs. 6000 crores
- C. Rs. 7300 crores
- D. Rs. 8000 crores
- E. Rs. 8300 crores

Solution:C

14. As per the figures given in the newspapers what is the approximate investment in various `Special Economic Zones` till date in India?

- A Rs. 20000 crores
- B. Rs. 25000 crores
- C. Rs. 30000 crores
- D. Rs. 35000 crores
- E. Rs. 40000 crores

Solution:D

15. Who amongst the following is the author of the famous classical book "A Passage to India"?

- A Mark Twain
- B. Nayantara Sehgal
- C. Nirad C. Choudhuri
- D. E.M. Foster
- E. None of these

Solution:D

16. The Government of India has bought RBI's entire stake in the State Bank of India in about Rs. 35531 crores. What is the share of the RBI in total stake of the State Bank? About –

- A 40%
- B. 48%
- C. 50%
- D. 52%
- E. 60%

Solution:E

17. Which of the following countries has decided to offer knighthood to Salman Rushdie?

- A France
- B. Italy

- C. Germany
- D. U.K.
- E. None of these

Solution:D

18. As per Union Budget 2007-08 how much amount the Govt. of India has provided for Women Specific Schemes/Programmes for 2007-08? (Approximately)
- A Rs. 7700 crores
 - B. Rs. 8700 crores
 - C. Rs. 9300 crores
 - D. Rs. 10000 crores
 - E. Rs. 10500 crores

Solution:B

19. Japan PM Shinzo Abe came to office last year with huge support in his favour. But since last few months he is facing problems in his political survival. Which of the following actions taken by him does/do not enjoy support of the people of Japan? (Pick up the correct statements.)
- 1. Decision to postpone Parliamentary elections.
 - 2. Failing to control inflation which has gone to the level of 12% an unusual phenomenon in the history of Japan.
 - 3. Decision to allow USA to make an Army Base in some of its islands where US will have its nuclear war-heads.
- A Only 2
 - B. Only 1
 - C. Both 1 & 2
 - D. Only 3
 - E. All 1, 2 & 3

Solution:D

20. As per the Economic Survey 2006-07 the foodgrain production may not touch the target fixed for the year. What is the target of the same set for the period?
- A 100 million tonnes
 - B. 220 million tonnes
 - C. 175 million tonnes
 - D. 250 million tonnes
 - E. 320 million tonnes

Solution:B

21. Madhesi National Liberation Front (MNLF) is an organization active in which of

the following countries?

- A Pakistan
- B. Myanmar
- C. Uganda
- D. Iran
- E. Nepal

Solution:E

22. Who amongst the following cricketers became the ninth Indian to claim 150 or more wickets?

- A A. Kumble
- B. A. Agarkar
- C. S. Tendulkar
- D. Harbhajan Singh
- E. None of these

Solution:C

23. Which of the following private sector banks brought its equity share (follow on public issue) for which the price was set as Rs. 940/- per equity?

- A. ICICI Bank
- B. Karnataka Bank
- C. UTI Bank
- D. HDFC Bank
- E. None of these

Solution:A

24. “Rajapaksha threatens to dissolve Lanka Parliament” was the news in leading newspapers a few days back. Which of the following was the reason owing to which President Rajapaksha threatens to take such a drastic step? (Pick up the correct statements.)

1. A number of MPs from Sri Lanka Freedom Party are defecting to join another party launched by another group of politicians.
2. A group of politicians under the leadership of former President Chandrika Kumartunga is demanding the –‘postponement of elections for the post of President due in the month of November 2007 so that Chandrika can come back from exile and contest for the same.
3. Rajapaksa wants general public and also MPs to support his formula on peace with LTTE which is not acceptable to most of the MPs.

- A All 1, 2 & 3
- B. Only 2

- C. Only 3
- D. Both 1 & 2
- E. Only 1

Solution:E

25. Who amongst the following returned to earth after a long 195 days stay in space?
- A Angie Brewer
 - B. Mike Leinbach
 - C. Shruti Vadera
 - D. Sunita Williams
 - E. None of these

Solution:D

26. “European Leaders agree on treaty” was the news in leading newspapers in recent past. Which of the following was the treaty or, which leaders were of diverse views? (Pick up the correct statements.)
1. The treaty was to make EURO Money a Universal currency for all financial / monetary transactions done by all the member countries w.e.f. April 2009.
 2. Treaty was to replace the defunct constitution of the European Union by a new one.
 3. Poland, one of the newest members of the Union was threatening to use its veto power if any change is done in the present set-up of the organization.
- A Only 1
 - B. Only 2
 - C. Only 3
 - D. Both 1 & 2
 - E. Only 2 & 3

Solution:E

27. Prices of Iron ore in Global market registered a substantial rise in last few months (24%). This is attributed to the huge demand of the same in Global Market. Which of the following is a major importer of the Iron ore?
- A France
 - B. South Africa
 - C. Singapore
 - D. Britain
 - E. China

Solution:E

28. Which of the following rates is not decided by the Reserve Bank of India?

- A Bank Rate
- B. Repo Rate
- C. Reverse Repo Rate
- D. Income Tax Rates
- E. All of these

Solution:D

29. Who amongst the following actors won the award for Best Actor in 8th International Indian Film Academy Awards Ceremony held recently?

- A Saif Ali Khan
- B. Sanjay Dutt
- C. Arshad Warsi
- D. Abhishek Bachchan
- E. Hrithik Roshan

Solution:E

30. The Union Minister Mr. Mani Shankar Aiyar recently called a delegation from Thailand to visit Aganala, Guwahati and few other places in North-East to explore the possibilities of Thai investment there. Why was Mr. Mani Shankar involved in a meeting like this?

- A He is the Minister for North-Eastern Region
- B. He is the Union Minister for Commerce and Industry
- C. He is the next Chief Minister of Assam as a caretaker government is functioning there till general election in January 2008
- D. Aiyar was asked to mediate the talks between Thai Delegation and Ministry of Commerce and Industry as a deadlock was developed between the two
- E. None of these

Solution:A

31. Prime Minister of India recently unveiled an agricultural package during his visit to 53rd Meeting of the National Development Council. What is the size of the package?

- A Rs. 10000 crores
- B. Rs. 15000 crores
- C. Rs. 20000 crores
- D. Rs. 25000 crores
- C. Rs. 30000 crores

Solution:D

32. Rafael Nadal won the French Open Men's Singles Title 2007 after defeating who

amongst the following?

- A Mark Knowles
- B. Mahesh Bhupathi
- C. Daniel Nestor
- D. Pavel Vizner
- E. Roger Federer

Solution:E

33. Mr. Sharad Pawar while talking to a group of Ministers (GOM) recently mentioned that “The Union and State Governments are preparing plans for the revival of sick mills.”

He also mentioned that, “There is not a single mill which has not lost some money in last few years”. Mr. Sharad Pawar was talking about the revival of which of the following mills?

- A Textile Mills
- B. Sugar Mills
- C. Jute Mills
- D. Public Sector Companies
- E. None of these

Solution:A

34. Which of the following States achieved 100% financial inclusion? (Each and every family in the State has atleast one bank account.)

- A Delhi
- B. Maharashtra
- C. West Bengal
- D. Kerala
- E. None of these

Solution:E

35. Who amongst the following has, taken over as the Chairman of the 18th Law Commission set-up recently?

- A Justice A.R. Lakshmanan
- B. Justice Bhagwan Das Rana
- C. Justice. T.L. Venkatarama Aiyer
- D. Mrs. Suryakanta Patil
- E. None of these

Solution:A

36. India’s Gross Domestic Product (GDP) grew at which of the following rates during

the year 2005-06?, (Results were published in January 2007.)

- A 7%
- B. 8%
- C. 9%
- D. 10%
- E 6%

Solution:C

37. Who amongst the following was honoured with the Jawaharlal Nehru Award for International Understanding given away recently?

- A. Mr. Umaru Yar' Adua
- B. Mr, Luiz Inacio Lula da Silva
- C. Mr. Vladimir Putin
- D. Mr. Felipe Calderon
- E. None of these

Solution:B

38. `Dausa' which has been in news recently is a town in

- A Gujarat
- B. Madhya Pradesh
- C. Bihar
- D. Uttar Pradesh
- E. Rajasthan

Solution:E

39. Who amongst the following is the author of the book 'Shame' published recently?

- A Chandar S. Sundaram
- B. Namita Gokhale
- C. Jaswindar Sanghara
- D. Anita Desai
- E None of these

Solution:C

40. As per the reports published by the `Organization for Economic Co-operation and Development (OECD)' which of tilt following BRIC countries has generated maximum new jobs in the past few years?

- A China
- B. Russia
- C. India
- D. Brazil

E. None of these

Solution:C

GENERAL ENGLISH

Directions (Q. 1 to 5) : Read each sentence to find out if there is any error in it. The error, if any will be in one part of the sentence. The number of that part is the answer. If there is no error the answer is (E). (Ignore errors in punctuation if any.)

1. Governments and businesses must reduce (A) / its own energy use (B) / and promote conservation (C) / to their citizens and employees (D) / No error (E).

Solution:B

2. If the allegations (A) / made against him (B) / are found to be true (C) / he could face rigorous imprisonment (D) / No error (E).

Solution:D

3. Having acquired some experience (A) / she is no longer (B) / one of those who believes (C) / every explanation she is given (D) / No error (E).

Solution:C

4. On discovering that (A) I it was a forgery (B) / he torn up the agreement (C) / he had signed (D) / No error (E).

Solution:C

5. With regard to implementation the (A) / details of the proposal (B) / the committee was divided (C) / in its opinion (D) /No error (E).

Solution:A

Directions (Q. 6 to 15) : Which of the phrases (A), (B), (C), (D) given below each sentence should replace the phrase printed-in **bold** type to make the sentence grammatically correct? If the sentence is correct mark (E) i.e. No correction required' as the answer.

6. Many employees are **hesitate of volunteer** for assignments in a foreign country because of language and cultural issues.

- A hesitated to volunteer
- B. hesitant to volunteer
- C. hesitating volunteer
- D. hesitatingly volunteer
- E. No correction required

Solution:B

7. Salaries in state owned enterprises today have **to be in line on** prevailing market rates in order to reduce turnover.

A been on line with
B. to be aligned on
C. been in line for
D. to be in line with
E. No correction required

Solution:D

8. As a member of the Cabinet, Aiyar had the opportunity to observe debates and see **which they were resolved.**

A about they being resolved
B. that it was resolved
C. to its resolution
D. how they were resolved
E. No correction required

Solution:D

9. The Board **has inability to provide** any proper strategy to outdo the competition.

A not being able to provide
B. has been unable to provide
C. cannot provide for
D. is being unable to provide
E. No correction required

Solution:B

10. **Did the court not intervened** the matter many students would have been denied admission.

A Because the court intervened in
B. Until the court had intervened
C. Had the court not intervened in
D. If the court intervened between
E. No correction required

Solution:C

11. Budget hotels **are being set up across** the country to provide travellers with accommodation at reasonable rates.

- A are to be set in
- B. will be set up
- C. have been setting up around
- D. were set up through
- E. No correction required

Solution:E

12. **Directly the meeting commenced then** the Borard called for the Chairman's resignation.

- A No sooner had the meeting commenced than
- B. As soon as the meeting commenced when
- C. Hardly did the meeting commence
- D. Soon after the meeting commences that
- E. No correction required

Solution:A

13. The Director said that he did not want to see **neither of the student** who had failed and ordered them to leave.

- A none of the students
- B. one of the student
- C. each of the student
- D. any of the students
- E. No correction required

Solution:D

14. He was determined **in completing** the project despite opposition from the union.

- A. on completing
- B. to complete
- C. for completion
- D. about completed
- E. No correction required

Solution:B

15. In his speech he failed to emphasize the **only great reason why** Government programmes have not benefited the poor.

- A. greatest reason why
- B. only greatest reason
- C. only greatest reason for
- D. great reason because
- E. No correction required

Directions (Q. 16 to 30) : Read the following passage carefully and answer the questions given below it. Certain words are given in **bold** to help you to locate them while answering some, of the questions.

The income disparity in the new India is massive : 36 billionaires in India and 800 million people living on less than \$2 a day. The challenge for achieving inclusive growth relates to the revival of agriculture. Farming is becoming a non-viable activity. A confluence of factors, from poor rainfall to the new availability of consumer goods which – consume much of Indian families’ incomes, has driven many farmers into crushing debt. The agriculture sector has many problems with a growth rate of less than 2% in the last decade. Further scope for increase in net sown area is limited. **Disparity** in productivity across regions and crops has **persisted**. Far from benefiting from the economic boom many complain that banks don’t offer the rural poor credit, forcing them to turn to greedy money-lenders, who typically charge up to 20% interest on a four-month loan. Health-care and education costs have risen dramatically, while the global price of cotton has become depressed, largely due to the billions of dollars in subsidies Washington hands out to U.S. farmers.

The approach to the revival of Indian agriculture seems to be incremental, rather than a holistic strategy. It is important to **stress** that growth and equity should be pursued **simultaneously** rather than following ‘growth first and equity next’ approach. What are the challenges for achieving 4% growth and equity in agriculture? Policy makers like the National Commission on Farmers mention cost reduction in agriculture as important to **compete** in a globalised world. The most important problem for the farmers is output price fluctuations. There is a big gap between producer prices and consumer prices. In order to protect farmers_ from national and international price volatility, a price stabilization fund is needed. The supply and demand side constraints have to be removed to raise growth. The support systems have to be tuned to improve productivity and incomes of farmers with emphasis on small and marginal farmers and dry land areas. One of the differences between the green revolution in the 1960s/70s and the present ‘second green revolution’ is that risk is higher in the latter approach as it has to concentrate more on dry-land areas. Trade liberalization has also raised the risk and uncertainty. Thus, policies have to keep in mind the increasing risk in agriculture. Agriculture policies have to be gender sensitive too since the share of women is increasing. The Government is aware that the crop sector may not be able to grow at 4% per annum but horticulture and allied activities like dairying, poultry and fisheries have to grow at the rate 6% to 7% to

achieve 4% growth in agriculture. Investment in irrigation and rural infrastructure is important for agricultural growth. It is known that public investment in agriculture is lower than the requirements needed for achieving 4% growth. Bharat Nirman Programme is in the right direction but the progress has to be much faster.

16. What does the author view as a challenge for achieving inclusive growth?

- A Doubling agricultural growth using an incremental approach
- B. Regulating the availability of consumer goods
- C. Achieving growth and equity in agriculture
- D. Reducing cost of healthcare and education for the poor through privatisation
- E. Maintaining a steady growth rate of 2% during the next decade

Solution:C

17. Which of the following factors should the Government take into consideration while framing agricultural policies?

- 1. Allied farm activities like horticulture should receive less attention
- 2. Increased participation of women in agricultural sector
- 3. Reduced risk in agriculture owing to globalisation

- A only 1
- B. Only 2
- C. Both 1 & 2
- D. All 1, 2 & 3
- E. None of these

Solution:B

18. What has prevented the rural poor from benefiting from economic growth?

- 1. High rate of interest on bank credit
- 2. Exploitation by money lenders
- 3. Subsidies provided by the government to farmers are insufficient

- A. Only 3
- B. Both 1 & 2
- C. Only 2
- D. Both 2 & 3
- E. None of these

Solution:C

19. Why are farmers facing crippling debt?

- 1. Increased expenditure on luxury items
- 2. Subsidies are not provided by the Indian government
- 3. Prices of crops-like cotton have risen dramatically /.

- A. All 1, 2 &3
- B. Only 1
- C. Only 2
- D. Both 1 & 2
- E. None of these

Solution:B

20. Why is farming not considered a leaSible occupation?
- A Insufficient land suitable for cultivation
 - B. Price stabilization fund introduced by the government
 - C. Superior western farming practices
 - D. Rapid spread of road networkkha-S. destroyed agricultural land
 - E. None of these

Solution:E

21. What do policy makers feel is essential for India's agricultural sector to be competitive internationally?
- A Exactly replicating the green revolution of the 1960s
 - B. Reduce government intervention in the agricultural sector to speed up progress
 - C. Removal of price stabilisation fund
 - D. Emphasising more on economic growth rather than on inclusiveness
 - E. None of these

Solution:E

22. Why is public investment in agriculture negligible?
- A Government procedures for investment in agriculture are too tedious
 - B. Present government programmes are ensuring rapid progress
 - C. Cost of living has gone up
 - D. There are no tax concessions for investment in agriculture
 - E. None of these

Solution:E

23. Which of the following is NOT a means to achieve 4% agricultural growth rate?
- A Stricter regulations governing demand and supply
 - B. Focus on increasing the income of small farmers
 - C. Attention to development of dry land
 - D. Concentration on fisheries, poultry and other allied activities
 - E. Increasing public investment in agriculture

Solution:A

24. Which of the following is NOT TRUE in the context of the passage?
- A Trade liberalization has reduced the uncertainty in agriculture
 - B. Currently 4% growth in crop sector is not feasible
 - C. Indian families are spending more than what they can afford on luxury items
 - D. Agricultural growth rate has remained stagnant during the last ten years
 - E Fluctuations in prices pose a problem to farmers

Solution:A

25. How does the government plan to ensure a 4% growth rate in agriculture?
- A. Providing licenses to unlicensed money lenders
 - B. Shift focus from developing agricultural infrastructure to pricing of agricultural products
 - C. Provide subsidies equivalent to those given in the US
 - D. Maintain a 6% growth rate allied agricultural activities
 - E None of these

Solution:D

Directions (Q. 26 to 28) : Choose the word which is most nearly the SAME in meaning as the word printed in bold as used in the passage.

26. **compete**
- A fight
 - B. struggle
 - C. defeat
 - D. participate
 - E. pursue

Solution:D

27. **stress**
- A. strain
 - B. anxiety
 - C. emphasise
 - D. burden
 - E suffer

Solution:C

28. **persisted**
- A fixed
 - B. insisted

- C. applied
- D. determined
- E. continued

Solution:E

Directions (Q. 29 to 30) : Choose the word which is most *OPPOSITE* in meaning of the word printed in bold as used in the passage.

29. **simultaneously**

- A independently
- B. partially
- C. freely
- D. jointly
- E. adversely

Solution:A

30. **disparity**

- A adequacy
- B. comparison
- C. contrast
- D. balance
- E. dissimilar

Solution:D

Directions (Q. 31 to 40) : In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each five words have been suggested, one or which fills the blanks appropriately. Find out the appropriate word in each case.

Amid rumours of the government planning .a crackdown on stock speculation, the Shanghai stock index (31) 8.8 percent on February 27th, its (32) one day drop in a decade. (33) usual for China's stock markets, investors in New York's equity markets saw this and sent the Dow Jones industrial index down more than 400 points. The drop in New York's index in turn (34) fear in markets across Asia the following day and suddenly stock indexes across the world (35) This chain reaction plainly (36) the increasingly (37) place that China now occupies in the minds of global investors. Its extraordinary economic run has been the key reason for (38) demand for everything from copper to cars much to the (39) of

multinational and Chinese investors alike. But while investors are right about China's growing economic importance to the world they are still confused about how to (40) a decline in Chinese stocks.

31. A. plunged
B. fallen
C triggered
D. gained
E. slips

Solution:A

32. A substantial
B. significant
C. dismal
D. biggest
E. peak

Solution:D

33. A. However
B. Being
C. Despite
D. Because
E. Though

Solution:E

34. A. heighten
B. fuelled
C. predicted
D. ignored
E. instil

Solution:B

35. A. stumble
B. corrected
C. tumbled
D. stabilised
E. dive

Solution:C

36. A. reflect
B. strengthened

- C. caused
- D. demonstrated
- E. emphasis

Solution:D

37. A privileged
- B. prominent
 - C. tangible
 - D. feasible
 - E. worthwhile

Solution:B

38. A variable
- B. risen
 - C. fallen
 - D. volatile
 - E. soaring

Solution:E

39. A risk
- B. detriment
 - C. benefit
 - D. impact
 - E. indicate

Solution:C

40. A interpret
- B. deal
 - C. cope
 - D. welcome
 - E. concern

Solution:A

MARKETING / COMPUTER

1. Which of the following forms the highest share in household savings in India?
 - A. Deposits
 - B. Currency
 - C. Share & Debentures
 - D. Real estate
 - E. Physical asset

Solution:A

2. This component is required to process data into information and consists of integrated circuits.
 - A Hard disk
 - B. RAM
 - C. CPU
 - D. ROM
 - E. None of these

Solution:C

3. In today's changing banking scenario, aggressive promotion of business is necessary where the competition exists on
 - A branch up-keep
 - B. expeditious service
 - C. use of advanced digital technology
 - D. delightful customer service
 - E. all of these

Solution:E

4. Which of the following product, by way of an instrument of payment, is called plastic money?
 - A Identity card
 - B. Plastic card
 - C. Debit card
 - D. Greeting card
 - E. Banker's cheque

Solution:C

5. When you desire to promote a customer, who of the following is a customer as defined by a bank?
- A A person regularly visiting bank
 - B. A person regularly getting bank drafts issued
 - C. A person regularly maintaining a loan/ deposit account
 - D. A person regularly getting bank drafts encashed
 - E. A person functioning as agent for a person maintaining a deposit account

Solution:C

6. In banks, loans and advances are considered as.....
- A assets
 - B. liabilities
 - C. resources
 - D. cause of expenditure
 - E. none of these

Solution:A

7. In the era of globalisation of business, M and A means
- A Money & Assets
 - B. Marketing & Alliances
 - C. Mergers & Acquisitions
 - D. Means & Acquisition
 - E. Markets & Acquisitions

Solution:C

8. I understand marketing as.....
- A Only selling
 - B. Meeting human & social needs profitably
 - C. To focus on customer
 - D. to focus only on producing goods/service
 - E. Only (B) and (C)

Solution:E

9. For an economic organization like bank, MIS means
- A. Middle Income Scheme
 - B. Management Information System
 - C. Management of Information & Science
 - D. Marketing Information System
 - E. Only (B) and (D)

Solution:B

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10. The balance sheet of an organization gives information regarding—
- A. A result of operations for a particular period
 - B. the financial position as on a particular date
 - C. the operating efficiency of the firm
 - D. financial position during a particular period
 - E. the operating health of the firm

Solution:B

11. Consumer information sources are
- A. a personal source and commercial source
 - B. public source
 - C. experiential source
 - D. All of the three above
 - E. Only (A) and (B)

Solution:D

12. Zero-Based Budgeting (ZBB) means.....
- A. a tool for marketing cost analysis
 - B. a tool for financial analysis
 - C. each year, budgeting starts from a scratch
 - D. a certain percentage of sales
 - E. Only (A) and (B)

Solution:B

13. The advantages of telephone-interview are.....
- A. a relatively low cost per interview
 - B. good for reaching important people who are inaccessible
 - C. securing co-operation which is not always possible
 - D. All of these
 - E. Only (A) and (B)

Solution:E

14. The abbreviation ISP stands for.....
- A. International Spy Project
 - B. Indian Social Planning
 - C. Initial Service Provider
 - D. Internet Service Provider
 - E. None of these

Solution:D

15. The best advertisement is.....

- A glow sign boards
- B. on internet
- C. T.V. Media
- D. Print Media
- E. a satisfied customer

Solution:E

16. Acid-test of a brand is.....

- A brand preference
- B. brand awareness
- C. brand acceptability
- D. brand loyalty
- E. brand equity

Solution:C

17. In banks ROA means.....

- A Rate of Allocation
- B. Return on Assets
- C. Return on Advances
- D. Ratio of Assets
- E. Only (B) and (C)

Solution:B

18. In the context of globalization, BPO means.....

- A British Petroleum Organisation
- B. British Passport Office
- C. Budgeting Process Orientation
- D. Business Process Orientation
- E. Business Process Outsourcing

Solution:E

19. Which of the following expresses Maslow's Motivation Theory best?

- A Importance of motivation of customer development
- B. Why people are driven by particular need at particular times
- C. Where human needs are arranged in a hierarchy
- D. All of these
- E. Only (B) and (C)

Solution:E

20. SWOT analysis refers to.....
- A marketing tool to understand constraints and potentials of self and competitor
 - B. external environment analysis
 - C. internal environment analysis
 - D. strategic planning for selling product
 - E. South-West organization for trade

Solution:A

21. Which of the following is true ?
- A byte is a single digit in a binary number
 - B. bit represents a grouping of digital numbers
 - C. eight-digit binary number is called a byte
 - D. eight-digit binary number is called a bit
 - E. None of these

Solution:C

22. Office LANs that are spread geographically apart on a large scale can be connected using a corporate.....
- A CAN
 - B. LAN
 - C. DAN
 - D. WAN
 - E. TAN

Solution:D

23. What is the process of copying software programs from secondary storage media to the hard disk called?
- A configuration
 - B. download
 - C. storage
 - D. upload
 - E. installation

Solution:C

24. The code for a Web page is written using.....
- A a fifth generation language
 - B. WinZip
 - C. Perl
 - D. Hypertext Markup Language

E. URL

Solution:D

25. Small application programs that run on a Web page and may ensure a form is completed properly or provide animation are known as.....

- A. flash
- B. spiders
- C. cookies
- D. applets
- E. sparks

Solution:A

26. In a relational database, this is a data structure that organizes the information about a single topic into rows and columns.

- A block
- B. record
- C. tuple
- D. table
- E. command line interface

Solution:D

27. The first computers were programmed using

- A assembly language
- B. machine language
- C. source code
- D. object code
- E. spaghetti code

Solution:B

28. When the pointer is positioned on a, it is shaped like a hand.

- A grammar error
- B. hyperlink
- C. screen tip
- D. spelling error
- E. formatting error

Solution:B

29. Which process checks to ensure the components of the computer are operating and connected properly?

- A Booting

- B. Processing
- C. Saving
- D. Editing
- E. None of these

Solution:A

30. How can the user determine what programs are available on a computer?

- A Checking the hard disk properties
- B. Viewing the installed programs during the booting process
- C. Checking the operating system for a list of installed programs
- D. Checking the existing files saved on the disk
- E. None of these

Solution:C

31. ESOP stands for.....

- A Efficient Service of Promises
- B. Employees Service Option Projects
- C. Effective System of Projects
- D. Employees Stock Option Plan
- E. Essential Security of Police

Solution:D

32. One advantage of dial-up Internet access is

- A it utilizes broadband technology
- B. it utilizes existing telephone service
- C. it uses a router for security
- D. modem speeds are very fast
- E. None of these

Solution:B

33. What is backup ?

- A. Adding more components to your network
- B. Protecting data by copying it from the original source to a different destination
- C. Filtering old data from the new data
- D. Accessing data on tape
- E. None of these

Solution:B

34. Network components are connected to the same cable in the topology.

- A star
- B. ring
- C. bus
- D. mesh
- E. mixed

Solution:C

35. Two or more computers connected to each other for sharing information form a
- A network
 - B. router
 - C. server
 - D. tunnel
 - E. pipeline

Solution:A

36. A computer checks the of user names and passwords for a match before granting access.
- A website
 - B. network
 - C. backup file
 - D. database
 - E. None of these

Solution:D

37. Computers that are portable and convenient for users who travel are known as
- A super computers
 - B. laptops
 - C. minicomputers
 - D. file servers
 - E. None of these

Solution:B

38. What is the term for unsolicited e-mail ?
- A newsgroup
 - B. usenet
 - C. backbone
 - D. flaming
 - E. spam

Solution:E

39. What type of program controls the various computer parts and allows the user to interact with the computer?
- A. Utility software
 - B. Operating system
 - C. Word processing software
 - D. Database program
 - E. None of these

Solution:B

40. Each cell in a Microsoft Office Excel document is referred to by its cell address, which is the
- A. cell's column label
 - B. cell's column label and worksheet tab name
 - C. cell's row label
 - D. cell's row and column labels
 - E. None of these

Solution:D

QUANTITATIVE APTITUDE

1. The difference between 42% of a number and 28% of the same number is 210. What is 59% of that number??
- A 630
B. 885
C. 420
D. 900
E. None of these

Solution:B

Let the number be x ,

$$\text{Then, } \frac{42}{100} \times x - \frac{28}{100} \times x = 210$$

$$\Rightarrow \frac{14}{100} \times x = 210$$

$$\therefore \frac{59}{100} \times x = \frac{210}{14} \times 59 = 885$$

Hence, 59% of that number = 885

2. What approximate value should come in place of the question mark (?) in the following questions?

$$4275 \div 496 \times (21)^2 = ?$$

- A 3795
B. 3800
C. 3810
D. 3875
E. 3995

Solution:B

$$\begin{aligned} 4275 \div 496 \times (21)^2 &= 4275 \times \frac{1}{496} \times 441 \\ &\approx 4280 \times \frac{1}{500} \times 450 \\ &= 3809.2 \\ &\approx 3800 \end{aligned}$$

3. A canteen requires 112 kgs. of wheat for a week. How many kgs. of wheat will it require for 69 days?

- A 1,204 Kgs.
- B. 1,401 Kgs.
- C. 1,104 Kgs.
- D. 1,014 Kgs.
- E. None of these

Solution:C

∴ In 7 days 112 kgs of wheat required

∴ In 69 days $\frac{112}{7} \times 69$ kgs of wheat required
= 1104 kgs.

4. If an amount of Rs. 41,910/- is distributed equally amongst 22 persons. How much amount would each person get?
- A Rs. 1,905/-
 - B. 2,000/-
 - C. Rs. 1,885/-
 - D. 2,105/-
 - E. None of these

Solution:A

The share of each person

$$= \frac{41,910}{22} = \text{Rs. } 1905$$

5. The cost of 4 Cell-phones and 7 Digital cameras is Rs. 1, 25, 627/-. What is the cost of 8 Cell-phones and 14 Digital cameras?
- A Rs. 2,51, 254/-
 - B. Rs. 2,52,627/-
 - C. Rs. 2,25,524/-
 - D. Cannot be determined
 - E. None of these

Solution:A

The cost of 4 Cell-phones and 7 Digital cameras = Rs. 1,25,627

∴ The cost of 8 Cell-phones and 14 Digital cameras

$$= 2 \times \text{Rs. } 1,25,627 \\ = \text{Rs. } 2,51,254$$

Directions (Q. 6 to 10) : Each of the questions below consists of a questions and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and –

Give answer (A) if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

Give answer (B) if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

Give answer (C) if the data in Statement I alone or in Statement II alone are sufficient to answer the question.

Give answer (D) if the data in both the Statements I and II are not sufficient to answer the question.

Give answer (E) if the data in both Statements I and II together are necessary to answer the question.

6. What is the area of the circle?

I Perimeter of the circle is 88 cms

II. Diameter of the circle is 28 ems

Solution:C

From (i),

$$\text{Radius of the circle} = \frac{88}{2\pi} = \frac{88 \times 7}{2 \times 22} = 14 \text{ cm}$$

$$\text{Area} = \pi r^2 = \frac{22}{7} \times 14 \times 14 = 616 \text{ cm}^2$$

From (ii), Radius = $\frac{28}{2} = 14 \text{ cm}$

$$\text{Area} = \pi r^2 = \frac{22}{7} \times 14 \times 14 = 616 \text{ cm}^2$$

7. What is the rate of interest?

I. Simple interest accrued on an amount of Rs. 25,000/- in two years less than the compound interest for the same period by Rs. 250/-

II. Simple interest accrued in 10 years is equal to the principal

Solution:C

From (i)

Here, C.I. - P.I. = Rs. 250

$$\Rightarrow 25000 \left[\left(1 + \frac{r}{100} \right)^2 - 1 \right] - \frac{25000 \times r \times 2}{100}$$

= Rs. 250

$$\Rightarrow \left[1 + \frac{2r}{100} + \frac{r^2}{10000} - 1 \right] - \frac{2r}{100} = \frac{250}{25000}$$

$$\Rightarrow \frac{r^2}{10000} = \frac{1}{100}$$

$$\Rightarrow r^2 = 100$$

$$\therefore r = \sqrt{100} = 10$$

\therefore Rate of interest = 10% p.a.

$$\text{From (ii)} \quad 25000 = \frac{25000 \times r \times 10}{100}$$

$$\Rightarrow r = \frac{100}{10} = 10$$

\therefore Rate of interest = 10% p.a.

8. What is the number of trees planted in the field in rows and columns?

I. Number of columns is more than the number of rows by 4

II. Number of trees in each column is an even number

Solution:D

Here either number of rows or number of columns are not given in the both the statements. So both the statements are not sufficient to answer the question.

9. What is the area of the right-angled triangle?

I. Height of the triangle is three-fourth of the base

II. Diagonal of the triangle is 5 metres

Solution:E

From the statements I & II,

Let base be x m then height will be $\frac{3}{4}x$ m

$$\text{Now, } x^2 + \left(\frac{3}{4}x\right)^2 = 5^2$$

$$\Rightarrow x^2 + \frac{9}{16}x^2 = 25$$

$$\Rightarrow \frac{25}{16}x^2 = 25$$

$$\Rightarrow x^2 = 16$$

$$\therefore x = 4$$

Now, base = x m = 4 m

$$\text{Height} = \frac{3}{4}x = \frac{3}{4} \times 4 = 3 \text{ m}$$

$$\text{Area of the triangle} = \frac{1}{2} \times 4 \times 3 = 6 \text{ m}^2$$

10. What is the father's present age?

I. Father's present age is five times the son's present age

II. Five years ago the father's age was fifteen times the son's age that time

Solution:

From the statements I & II,

Let the son's present age be x years, then the present age of father will be $5x$ years;

Now from the question,

$$\frac{5x - 5}{x - 5} = 15$$

$$\Rightarrow \frac{x - 1}{x - 5} = 3$$

$$\Rightarrow x - 1 = 3x - 15$$

$$\Rightarrow 2x = 14$$

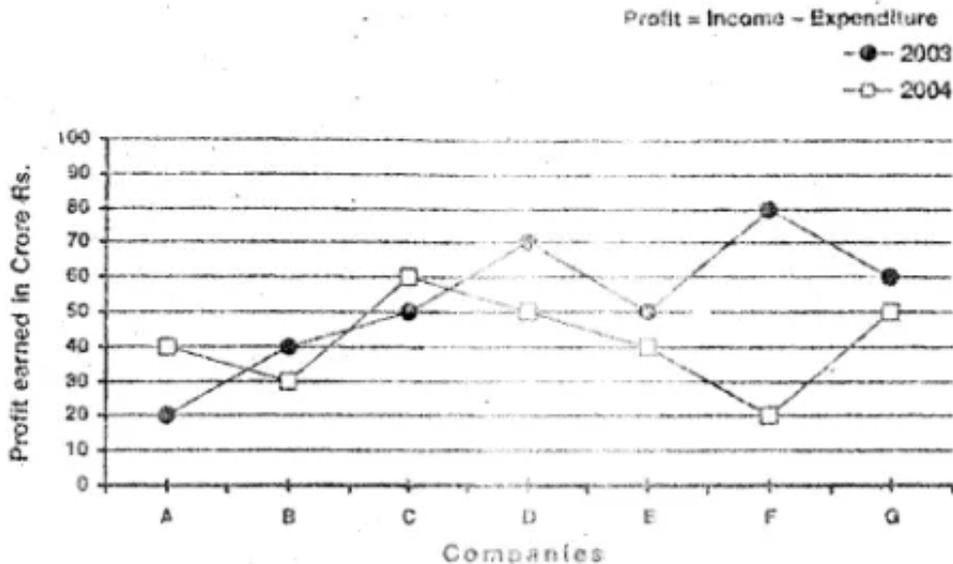
$$\therefore x = 7$$

Hence, present age of father

$$= 5x = 5 \times 7 = 35 \text{ years.}$$

Directions (Q. 11 to 15) : Study the following graph carefully to answer these questions:

Profit earned (in Crore Rs.) by Seven Companies during 2003-2004



11. What is the ratio between the profit earned by Company A in 2004 and the profit earned by Company B in 2003 respectively?

- A. 4 : 3
- B. 3 : 2
- C. 3 : 4
- D. 2 : 3
- E. None of these

Solution:

$$\text{Required ratio} = \frac{40}{40} = 1 : 1$$

12. What is the difference (in Crore Rs.) between the total profit earned by Companies E, F and G together in 2003 and the total profit earned by these companies in 2004?

- A. 70
- B. 75
- C. 78
- D. 82
- E. None of these

Solution:

Profit earned by companies E, F & G in 2004

$$= 40 + 20 + 50 = \text{Rs. } 110 \text{ crores}$$

Profit earned by companies E, F & G in 2003

$$= 50 + 80 + 60$$

$$= \text{Rs. } 190 \text{ crores.}$$

$$\text{Their difference} = 190 - 110 = \text{Rs. } 80 \text{ crores.}$$

13. What is the ratio between the total profit earned by Company C in 2003 & 2004 together and the total profit earned by Company E in these two years respectively?
- A. 11 : 9
 B. 9 : 10
 C. 10 : 11
 D. 11 : 10
 E. None of these

Solution:A

The profit earned by company C in 2003 & 2004

$$= 50 + 60 = \text{Rs. } 110 \text{ crores.}$$

The profit earned by company E in 2003 & 2004

$$= 40 + 50 = \text{Rs. } 90 \text{ crores.}$$

Hence, their required ratio = $\frac{110}{90} = 11 : 9$

14. What was the average profit earned by all the companies in 2003? (In Crore Rs. Rounded-Off to two digits after decimal).
- A 52.75
 B. 53.86
 C. 52.86
 D. 53.75
 E. None of these

Solution:C

The average profit earned by all companies in 2003

$$= \frac{20 + 40 + 50 + 70 + 50 + 80 + 60}{7}$$

$$= \frac{370}{7} = \text{Rs. } 52.85 \text{ crores.}$$

15. Profit earned by Company B in 2004 is what percent of the profit earned by the same company in 2003 ?
- A 133.33
 B. 75
 C. 67.66

D. 75.25

E. None of these

Solution:B

Here, $40 \times \frac{x}{100} = 30$

$\Rightarrow x = \frac{30 \times 100}{40} = 75$

Hence, required percentage = 75%

Direction (Q. 16 to 20) : Study the following table carefully to answer these questions.

Table giving percentage of unemployed male and female youth and the total population for different states in 2005 and 2006

State	2005			2006		
	M	F	T	M	F	T
A	12	15	32	7	8	35
B	8	7	18	10	9	20
C	9	10	28	10	12	34
D	10	6	24	8	8	30
E	6	8	30	7	6	32
F	7	5	28	8	7	35

M = Percentage of unemployed Male youth over total population.

F = Percentage of unemployed female youth over total population.

T = Total population of the state in lakhs.

16. What was the total number of unemployed youth in State A in 2006?

A. 2,20,000

B. 3,25,000

C. 5,20,000

D. 5,25,000

E. None of these

Solution:D

Total number of unemployed youth in state

A in 2006

$$= \frac{15}{100} \times 35,00,000 = 5,25,000$$

17. How many female youth were unemployed in State D in 2005?

- A 14,400
- B. 1,44,000
- C. 1,40,000
- D. 14,000
- E. None of these

Solution:B

The number of unemployed youth in state D
in 2005

$$= \frac{6}{100} \times 24,00,000 = 1,44,000$$

18. Number of unemployed male youth in State A in 2005 was what percent of the number of unemployed female youth in State E in 2006?

- A 66
- B. 50
- C. 200
- D. 133
- E. None of these

Solution:C

The number of unemployed male youth in
state A in 2005

$$= \frac{12}{100} \times 32,00,000 = 3,84,000$$

The number of unemployed female youth in
state E in 2006

$$= \frac{6}{100} \times 32,00,000 = 1,92,000$$

$$\begin{aligned} \text{Required percentage} &= \frac{382000}{192000} \times 100 \\ &= 200\% \end{aligned}$$

19. What was the difference between the number of unemployed male youth in State F in 2005 and the number of unemployed male youth in State A in 2006?

- A 70,000
- B. 45,000
- C. 68,000
- D. 65,000

E. None of these

Solution:E

The number of unemployed male youth in state F in 2005

$$= \frac{7}{100} \times 28,00,000 = 1,96,000$$

The number of unemployed male youth in state A in 2006

$$= \frac{7}{100} \times 35,00,000 = 2,45,000$$

Their difference

$$= 2,45,000 - 1,96,000 = 49,000$$

20. What was the respective ratio between unemployed male youth in State D in 2005 and the unemployed male youth in State D in 2006?

A 1 : 1

B. 2 : 3

C. 3 : 2

D. 4 : 5

E. None of these

Solution:A

The number of unemployed male youth in state D in 2005

$$= \frac{10}{100} \times 24,00,000 = 2,40,000$$

The number of unemployed male youth in state D in 2006

$$= \frac{8}{100} \times 30,00,000 = 2,40,000$$

Hence, their required ratio

$$= \frac{2,40,000}{2,40,000} = 1 : 1$$

Direction (Q. 21 to 25) : What should come in place of question mark (?) in the following questions?

21. 92.5% of 550 = ?

A 506.45

B. 521.65

C. 518.55

D. 508.75

E. None of these

Solution:D

$$\begin{aligned} 92.5\% \text{ of } 550 &= \frac{92.5}{100} \times 550 \\ &= \frac{92.5 \times 11}{2} = \frac{1017.5}{2} = 508.75 \end{aligned}$$

22. $12^4 \times 12^{13} = ?$

A 12^7

B. 12^{39}

C. 12^{17}

D. 12^{-7}

E. None of these

Solution:C

$$12^4 \times 12^{13} = 12^{4+13} = 12^{17}$$

23. $12.22 + 22.21 + 221.12 = ?$

A. 250.55

B. 255.50

C. 250.05

D. 255.05

E. None of these

Solution:E

$$12.22 + 22.21 + 221.12 = 255.55$$

24. $464 \div (16 \times 2.32) = ?$

A 12.5

B. 14.5

C. 10.5

D. 8.5

E. None of these

Solution:A

$$\begin{aligned} &464 \div (16 \times 2.32) \\ &= 464 \times \frac{1}{37.12} = \frac{46400}{3712} = \frac{25}{2} = 12.5 \end{aligned}$$

25. $78 \div 5 \div 0.5 = ?$

- A 15.6
- B. 31.2
- C. 7.8
- D. 20.4
- E. None of these

Solution:B

$$78 \div 5 \div 0.5 = 78 \times \frac{1}{5} \times \frac{1}{0.5} = \frac{780}{5 \times 5} = 31.2$$

26. A bus covers a distance of 2,924 kms. in 43 hours. What is the speed of the bus?

- A 72 Kms./Hr.
- B. 60 Kms./Hr.
- C. 68 Kms./Hr.
- D. Cannot be determined
- E. None of these

Solution:C

$$\text{Speed} = \frac{2924}{43} = 68 \text{ km/hr}$$

27. If $(9)^3$ is subtracted from the square of a number. the answer so obtained is 567. What is the number?

- A 36
- B. 28
- C. 42
- D. 48
- E. None of these

Solution:A

Let the required number be x ,

Then $x^2 - 9^3 = 567$

$\Rightarrow x^2 = 567 + 729$

$\Rightarrow x^2 = 1296$

$\therefore x = \sqrt{1296} = 36$

28. What would be the simple interest obtained on an amount of Rs. 5,760/- at the rate of 6 p.c.p.a. after 3 years?

- A Rs. 1,036.80
- B. Rs. 1,666.80
- C. Rs. 1,336.80
- D. Rs. 1,063.80
- E. None of these

Solution:A

$$\text{S.I.} = \frac{5760 \times 6 \times 3}{100} = \frac{5184}{5} = \text{Rs. } 1036.80$$

29. What is 333 times 131?

- A 46,323
- B. 43,623
- C. 43,290
- D. 42,957
- E. None of these

Solution:B

$$131 \times 333 = 43,623$$

30. The product of two successive numbers is 8556. What is the smaller number?

- A 89
- B. 94
- C. 90
- D. 92
- E. None of these

Solution:D

Let two successive numbers be x and $(x + 1)$

;

Then, $x(x + 1) = 8556$

$$\Rightarrow x^2 + x - 8556 = 0$$

$$\Rightarrow x^2 + 93x - 92x - 8556 = 0$$

$$\Rightarrow x(x + 93) - 92(x + 93) = 0$$

$$\Rightarrow (x - 92)(x + 93) = 0$$

Hence, either $x = 92$ or, $x = -93$

(Impossible)

So, smallest number = 92

31. The owner of an electronics shop charges his customer 22% more than the cost price. If a customer paid Rs. 10,980/- for a DVD Player, then what was the cost

price of the DVD Player?

- A Rs. 8,000/-
- B. Rs. 8,800/-
- C. Rs. 9,500/-
- D. Rs. 9,200/-
- E. None of these

Solution:E

Let cost price be Rs. x

$$\text{Then, } x + \frac{22}{100} \times x = 10,980$$

$$\Rightarrow \frac{122x}{100} = 10,980$$

$$\therefore x = \frac{10,980 \times 100}{122}$$
$$= 90 \times 100 = \text{Rs. } 9000$$

Hence, C.P. = Rs. 9000

32. What would be the compound interest obtained on an amount of Rs. 3,000/- at the rate of 8 p.c.p.a. after 2 years?

- A Rs. 501.50
- B. Rs. 499.20
- C. Rs. 495/-
- D. Rs. 5101-
- E. None of these

Solution:B

$$\begin{aligned} \text{C.I.} &= P \left[\left(1 + \frac{r}{100} \right)^n - 1 \right] \\ &= 3000 \left[\left(1 + \frac{8}{100} \right)^2 - 1 \right] \\ &= 3000 \left[\left(\frac{27}{25} \right)^2 - 1 \right] \\ &= 3000 \left[\frac{729}{625} - 1 \right] \\ &= 3000 \times \frac{104}{625} \\ &= \frac{2496}{5} = \text{Rs. } 499.20 \end{aligned}$$

33. What is least number to be added to 4321 to make it a perfect square ?

- A 32
- B. 34
- C. 36
- D. 38
- E. None of these

Solution:E

$$\begin{array}{r}
 6 \overline{) 4321} \text{ (66)} \\
 \underline{36} \\
 126 \\
 \underline{72} \\
 756 \\
 \underline{-35}
 \end{array}$$

Hence, required number = 35

34. 45% of a number is 255.6. What is 25% of that number?
- A 162
 - B. 132
 - C. 152
 - D. 142
 - E. None of these

Solution:D

Let number be x ,

$$\text{Then, } x \times \frac{45}{100} = 255.6$$

$$\therefore x \times \frac{25}{100} = \frac{255.6}{45} \times 25 = 28.4 \times 5 = 142.0$$

Hence, 25% of that number = 142

35. Find the average of the following Set of Scores?
221, 231, 441, 359, 665, 525
- A 399
 - B. 428
 - C. 407
 - D. 415
 - E. None of these

Solution:C

$$\begin{aligned} \text{Average scores} &= \\ \frac{221 + 231 + 441 + 359 + 665 + 525}{6} & \\ &= \frac{2442}{6} = 407 \end{aligned}$$

36. If $(78)^2$ is subtracted from the square of the number, the answer so obtained is 6,460. What is the number?
- A. 109
 B. 111
 C. 113
 D. 115
 E. None of these

Solution:E

Let the required number be x ;
 Then, $x^2 - 78^2 = 6460$
 $\Rightarrow x^2 = 6460 + 6084$
 $\Rightarrow x = \sqrt{12544} = 112$
 Hence, required number = 112

37. In an examination, it is required to get 40% of the aggregate marks to pass. A student gets 261 marks and is declared failed by 4% marks. What are the maximum aggregate marks a student can get?
- A. 700
 B. 730
 C. 745
 D. 765
 E. None of these

Solution:E

Let the maximum aggregate marks be x ;
 Then, $261 + \frac{4}{100} \times x = \frac{40}{100} \times x$
 $\Rightarrow \frac{36x}{100} = 261$
 $\therefore x = \frac{261 \times 100}{36} = 725$
 Hence, maximum aggregate marks = 725

38. Pinku, Rinku and Tinku divide an amount of as. 4,200/- amongst themselves in

the ratio of 7 : 8 ; 6 respectively. If an amount of Rs. 200/- is added to each of their shares, what will be the new respective ratio of their shares of amount?

- A 8 : 9 : 6
- B. 7 : 9 : 5
- C. 7 : 8 : 6
- D. 8 : 9 : 7
- E. None of these

Solution:D

$$\text{The share of Pinku} = \frac{4200}{21} \times 7 = \text{Rs. 1400}$$

$$\text{The share of Rinku} = \frac{4200}{21} \times 8 = \text{Rs. 1600}$$

$$\text{The share of Tinku} = \frac{4200}{21} \times 6 = \text{Rs. 1200}$$

Now, their new shares will be,
Rs. 1600, Rs. 1800 and Rs. 1400
Hence, their new ratio will be, 8 : 9 : 7

39. Ms. Suchi deposits an amount of Rs. 24,000/- to obtain a simple interest at the rate of 14 p.c.p.a. for 8 years. What total amount will Ms. Suchi get at the end of 8 years?
- A Rs. 52,080/-
 - B. Rs. 28,000/-
 - C. Rs. 50,880/-
 - D. Rs. 26,880/-
 - E. None of these

Solution:C

$$\text{S.I.} = \frac{24000 \times 14 \times 8}{100} = 240 \times 14 \times 8$$

$$= \text{Rs. 50,880}$$

$$= \text{Rs. 26,880}$$

$$\text{The, Amount after 8 years} \\ = 24000 + 26880 = \text{Rs. 50,880}$$

40. The average of 5 consecutive even numbers A, B, C, D and E is 52, What is the product of B & E?
- A 2912
 - B. 2688

C. 3024

D. 2800

E. None of these

Solution:D

Here,

$$C = 52$$

so,

$$B = 52 - 2 = 50$$

& also

$$E = 52 + 4 = 56$$

Then, product of B & E = $50 \times 56 = 2800$.

REASONING ABILITY

1. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- A. Rose
 - B. Jasmine
 - C. Hibiscus
 - D. Marigold
 - E Lotus

Solution:E

Except Lotus all are planted on the earth.

2. In a certain code RAIL is written as 5796 and TAPE is written as 3748. How is PAIR written in that code?
- A 4795
 - B. 4785
 - C. 3795
 - D. 8795
 - E. None of these

Solution:A

RAIL → 5796 ; TAPE → 3748
Therefore, PAIR → 4795

3. In the following set of numbers, if '1' is added to the last digit and then the order of digits is reversed, which number will be fourth if arranged in ascending order?
- 567 284 696 865 738
- A 567
 - B. 284
 - C. 696
 - D. 865
 - E. 738

Solution:A

4. How many such pairs of letters are there in the word PHYSICAL each of which has as many letters between them in the word as they have in the English alphabet?
- A. None
 - B. One
 - C. Two
 - D. Three
 - E. None of these

Solution:C

PHYSICAL

Hence, there are only two pairs.

5. Four of the following five are alike in a certain way on the basis of their positions in English alphabet and so form a group. Which is the one that does not belong to that group ?
- A. RIG
 - B. PQN
 - C. DEB
 - D. TUR
 - E. KLI

Solution:A

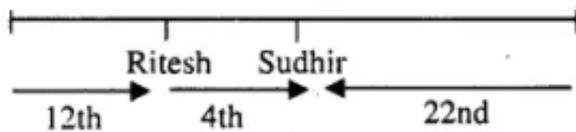
6. In a certain code DUPLICATE is written as MRVFJFVBE. How is CARTOUCHE written in that code?
- A. UTBEPWDJF
 - B. UTBFQFJDW
 - C. UTBEQFJDW
 - D. UTBEPFJDW
 - E. None of these

Solution:D

7. In a row of children facing North, Ritesh is twelfth from the left end. Sudhir who is, twenty-second from the right end is fourth to the right of Ritesh. Total how many children, are there in the row?
- A. 35
 - B. 36

- C. 37
- D. 34
- E. None of these

Solution:C



Hence, total number of children are there in row

$$= 12 + 4 + 22 - 1 = 38 - 1 = 37$$

8. If 'A × B' means '13 is father of A', 'A + B' means 'A is wife of B' and 'A ÷ B' means 'A is brother of B', then what is the relation of J with L in 'J + H ÷ R × L'?
- A Daughter
 - B. Daughter-in-law
 - C. Sister-in-law
 - D. Cannot be determined
 - E. None of these

Solution:B

A × B → B is father of A.

A + B → A is wife of B.

A ÷ B → A is brother of B.

Then, J + H ÷ R × L

J + H → J is wife of H

H ÷ R → H is brother of R.

R × L → L is father of R.

From all these statements, L is father of H and R and J is wife of H. Hence J will be daughter-in-law of L.

9. If in the word FLOURISH, all the vowels are first arranged alphabetically and then all the 'consonants are arranged alphabetically and then all the vowels are replaced by the previous letter and all the consonants are replaced by the next letter from English alphabet, which letter, will be third from the ht end?
- A. I
 - B. S
 - C. M
 - D. V
 - E. None of these

Solution:C

If in the word FLOURISH, all the vowels arranged alphabetically first, then all constants arranged alphabetically, then the new word will be

I O U F H L R S

Now all the vowels are replaced by the previous letters and all the consonants are replaced by the next letters. Then, the new word will be

H N T G I M S T

The letter M will be third from the right end.

10. How many meaningful English words, can-be formed from the letters 'ACER' using each letter only once in each word?
- A None
 - B. One
 - C. Two
 - D. Three
 - E. More than three

Solution:D

The three meaningful words can be formed from the letters 'ACER'. They are :

- (i) ACRE
- (ii) CARE
- (iii) RACE

Direction (Q. 11 to 15) : In each of the questions below are given four statements followed by three conclusions numbered I, II & III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

11. **Statements :** All chillies are garlies. Some garlies are onions. All onions are potatoes. No potato is ginger.

Conclusions : I. No onion is ginger.

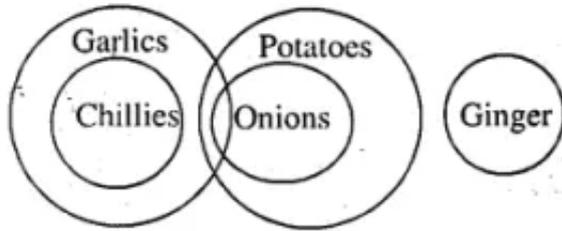
II. Some garlies are potatoes.

III. Some chillies are potatoes.

A Only I follows

- B. Only II follows
- C. Only I & II follow
- D. Only I & III follow
- E. All follow

Solution:C



- (i) No onion is ginger (True)
- (ii) Some garlics are potatoes (True)
- (iii) Some chillies are potatoes (False)

12. **Statements :** Some keys are locks. Some locks are numbers. All numbers are letters. All letters are words.

Conclusions : I. Some locks are letters.

II. Some words are numbers

III. All numbers are words.

- A Only I & II follow
- B. Only II & III follow
- C. Only I & III follow
- D. Only I & either II or III follow
- E. All follow

Solution:E

13. **Statements :** Some windows are doors. All doors are walls. No wall is roof. All roofs are shelters.

Conclusions : I. Some windows are walls.

II. No wall is shelter.

III. No door is shelter.

- A None follows
- B. Only II & III follow
- C. Only I & III follow
- D. Only I follows
- E None of these

Solution:D

14. **Statements :** All bottles are jars. Some jars are pots. All pots are taps. No tap is tank.

Conclusions : I. No pot is tank.

II. Some jars are tanks.

III. Some bottles are pots.

A Only I & III follow

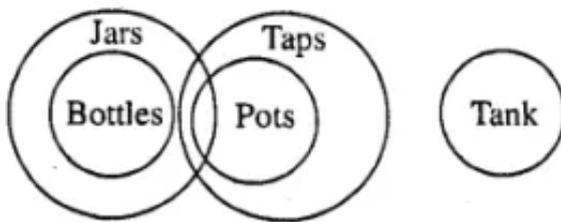
B. Only I & II follow

C. Only II & III follow

D. All follow

E. None of these

Solution:E



(i) No pot is tank (True)

(ii) Some jars are tank (False)

(iii) Some bottles are pots (False)

15. **Statements :** Some fish are crocodiles. Some crocodiles are snakes. No snake is tortoise.

All tortoises are frogs.

Conclusions : I. No snake is frog.

II. Some snakes are fish.

III. Some fish are frogs.

A None of follows

B. Only I & II follow

C. Only II & III follow

D. Only I & III follow

E. None of these

Solution:A

Direction (Q. 16 to 20) : In each of these questions, a group of digits is given followed by four combinations of letters and symbols numbered (A), (B), (C) and (D). The group of digits is to be coded as per the scheme and conditions given below. The serial number of the combination which correctly represents the

group of digits is your answer. If none of the four combinations is correct, your answer is (E) 'None of these'.

DIGITS : 5 8 4 3 6 2 9 0 7 1

Letter/Symbol Code : T J \$ # H Q @ L % K

Conditions : (i) If the first as well as the last digit is odd, both are to be coded as ©.

(ii) If the first as well as the last digit is even, their codes are to be swapped.

(iii) If 'o' is the last digit, it is to be coded as

16. 270514

A ©%LTK©

B. \$%LTKQ

C. Q%LTK\$

D. \$%UTKQ

E. None of these

Solution:B

270514 → Q %L T K \$ → \$ % L T K Q

17. 364279

A ©H\$Q%©

B. #H\$Q%@

C. @H\$Q%#

D. #H\$Q%©

E. None of these

Solution:A

364279 → # H \$ Q % @ → © H \$ Q % ©

18. 875306

A J%T#LH

B. H%T#LH

C. @H\$Q%©

D. J%T#LJ

E. None of these

Solution:C

875306 → J % T # L H → H % T # L J

19. 592476

- A. H@Q\$%T
- B. ©@Q\$%T
- C. H@Q\$%©
- D. ©@Q\$%©
- E. None of these

Solution:E

592476 → T @ Q \$ % H

20. 468910
- A. \$HJ @KL
 - B. LHJ@K\$
 - C. *HJ@K\$
 - D. \$HJ@K*
 - E. None of these

Solution:D

468910 → \$ H J @ K L → \$ H J @ K U

Directions (Q. 21 to 25) : *These questions are based on the following information :*

'A @ B' means 'A is added to B'.

'A * B' means 'A is multiplied by B'.

'A # B' means 'A is divided by B'.

'A \$ B' means 'B is subtracted from A'.

In each question, some information is given. You have to find out which expression correctly represents the statement :

21. Total age of 12 boys is 'X' and the total age of 13 girls is 'Y'. What is the average age (A) of all the boys and girls together?
- A. $A = (X@Y)\#25$
 - B. $A = (X$Y)\#25$
 - C. $A = (X@Y)U25$
 - D. Cannot be determined
 - E. None of these

Solution:A

Q. No. 21-25

$A @ B \rightarrow A + B$

$A U B \rightarrow A \times B$

$A \# B \rightarrow A \div B$

$A \$ B \rightarrow A - B$

$$A = \frac{X + Y}{25} \rightarrow (X @ Y) \# 25$$

22. Population of state M(P_1) is less than half of population of state N(P_2) by 1,50,000.

A $P_2 = (P_1 \# 2) \$ 1,50,000$

B. $P_1 = (P_2 \# 2) @ 1,50,00$

C. $P_1 = (P_2 \# 2) \$ 1,50,000$

D. $P_2 = (P_1 \# 2) @ 1,50,000$

E. None of these

Solution:C

$$P_1 = \frac{P_2}{2} = 1,50,000 \rightarrow (P_2 \# 2) \$ 1, 50, 000$$

23. Number of boys (B) in a class is equal to one-fourth of three times the number of girls (G) in the class.

A $B = (3 \# G) \cup 4$

B. $B = (3 \cup G) @ 4$

C. $B = (3 \cup G) \# 4$

D. $B = (3 \$ G) \# 4$

E. None of these

Solution:C

$$B = \frac{3A}{4} \rightarrow (3 \cup A) \# 4$$

24. Salary of Mr. X(S_1) is more than 40% of Mr. Y's salary (S_2) by Rs. 8,000

A $S_1 = [S_2 \cup (40 @ 100)] \# 800$

B. $S_1 = [S_2 \cup 40 \# 100] @ 8000$

C. $S_2 = [S_1 \cup (40 \# 100)] @ 8000$

D. $S_2 = [S_1 \cup (40 @ 100)] \# 800$

E. None of these

Solution:B

$$S_1 = S_2 \times \frac{40}{100} + 8000 \rightarrow [S_2 \cup (40 \# 100)] @ 8000$$

25. Marks obtained by Sujit in History (H) are 85% of his marks obtained in Science (M).
- A. $H = (100 \# 85) * M$
 B. $H = 85 U 100 * M$
 C. $H = 85 \# 100 \# M$
 D. $H = (85 \# 100) U M$
 E. None of these

Solution:D

$$H = M \times \frac{85}{100} \rightarrow M U (85 \# 100)$$

Directions (Q. 26 to 30) : In the following questions, the symbols @, #, \$, © and % are used with different meanings as follows :

- `P @ Q' means 'P is not smaller than Q'.
 `P # Q' means 'P is not greater than Q'
 `P \$ Q' means 'P is neither greater than nor equal to Q'.
 `P © Q' means 'P is neither smaller than nor equal to Q'.
 `P % Q' means 'P is neither greater than nor smaller than Q'.

Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/are **definitely true** ?

- Give answer (A) if only Conclusion I is true.
 Give answer (B) if only Conclusion II is true.
 Give answer (C) if either Conclusion I or II is true.
 Give answer (D) if neither Conclusion I nor II is true.
 Give answer (E) if both Conclusions I and II are true.

26. **Statements :** V \$ W, W @ T, T # H

Conclusions : I. V © T

II. H % W

Solution:D

Q. No. 26-30

- $P @ Q \rightarrow P \geq Q$
 $P \# Q \rightarrow P \leq Q$
 $P \$ Q \rightarrow P < Q$ 26. $V \$ W \rightarrow V < W$
 $P © Q \rightarrow P > Q$
 $P \% Q \rightarrow P = Q$

$W @ T \rightarrow W \geq T$
 $T \# H \rightarrow T \leq H$
 Then, (i) $V \odot T \rightarrow V > T$ (False)
 (ii) $H \% W \rightarrow H = W$ (False)

27. **Statements :** $H \odot M, M @ E, E \$ C$

Conclusions : I. $C \odot M$

II. $H \odot E$

Solution:B

28. **Statements :** $N @ J, J \% R, R \odot H$

Conclusions : I. $R \# N$

II. $N \odot H$

Solution:E

$N @ J \rightarrow N \geq J$
 $J \% R \rightarrow J = R$
 $R \odot H \rightarrow R > H$
 (i) $R \# N \rightarrow R \leq N$ (True)
 (ii) $N \odot H \rightarrow N > H$ (True)

29. **Statements :** $L @ K, K \odot A, A \$ W$

Conclusions : I. $W \$ L$

II. $L \# W$

Solution:D

30. **Statements :** $J \# R, R \odot D, D @ F$

Conclusions : I. $F \$ R$

II. $F \% R$

Solution:A

$J \# R \rightarrow J \leq R$
 $R \odot D \rightarrow R > D$
 $D @ F \rightarrow D \geq F$
 (i) $F \$ R \rightarrow F < R$ (True)
 (ii) $F \% R \rightarrow F = R$ (False)

Directions (Q. 31 to 35) : Study the following information carefully to answer these questions:

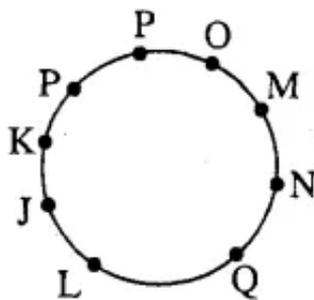
Eight friends J, K, L, M, N, o, P and Q are sitting around a circle facing the center. J is not the neighbour of N. L is third to the right of K. Q is second to the left of N who is next to the right of L. o is not the neighbour of N or K and is to the immediate left of P.

31. Which of the following is the **correct** position of L?
- A. To the immediate right of N
 - B. To the immediate right of Q
 - C. To the immediate left of J
 - D. To the immediate left of Q
 - E. None of these

Solution:D

Q. No. 31-35

The sitting arrangement of eight friends are given below:



L is the immediate left of Q.

32. Which of the following pair of persons represent O's neighbours?
- A L & K
 - B P & K
 - C. M & P
 - D. N & P
 - E. None of these

Solution:C

O's neighbours are M & P.

33. Which of the following groups has the first person sitting between the other two persons?
- A. PKC

- B. JQL
- C. QNL
- D. LMN
- E. None of these

Solution:C

Q is sitting between N and L.

34. Who is to the immediate right of K?

- A. J
- B. P
- C. Q
- D. Cannot be determined
- E. None of these

Solution:A

J is immediate right of K.

35. Who is to the immediate left of o?

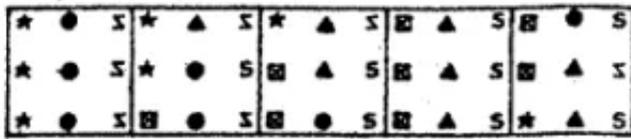
- A. P
- B. L
- C. Q
- D. J
- E. None of these

Solution:E

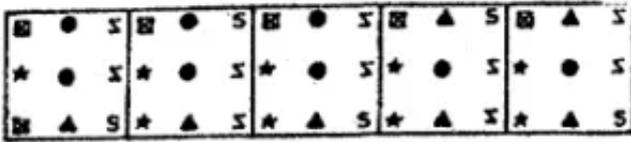
M is the immediate left of O.

Direction (Q. 36 to 40) : In each of the questions given below which of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

Problem figures



36. Answer figures

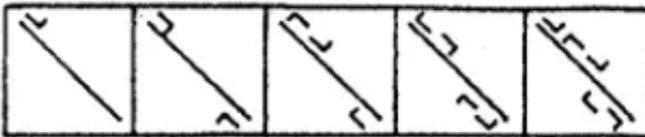


A B C D E

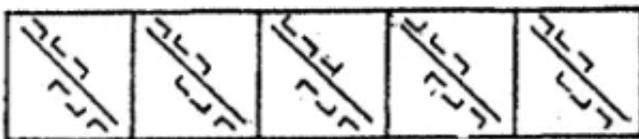
Solution:B

Design of column I are changed one, 2 and 3 from the below respectively and also design of column II are changed similarly one, 2 and 3 from the above respectively. After that, process is repeated again. Following this rule the answer will be (B).

Problem figures



37. Answer figures



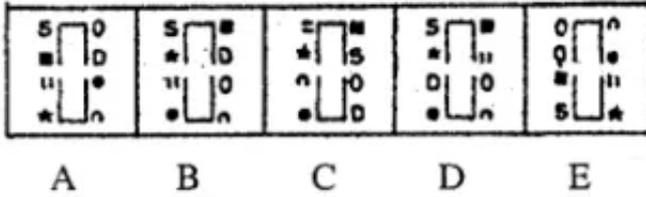
A B C D E

Solution:A

Problem figures

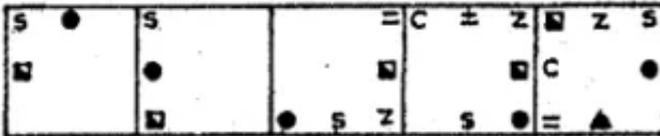


38. Answer figures

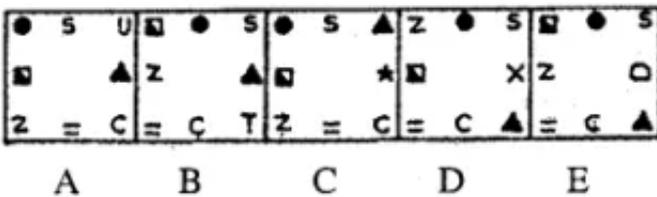


Solution:E

Problem figures



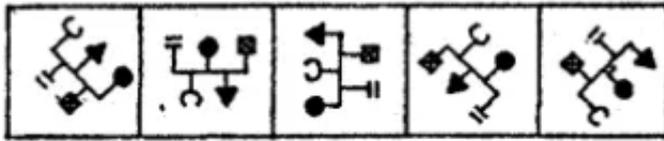
39. Answer figures



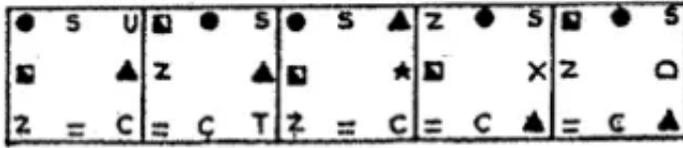
Solution:D

Designs are moved through $\frac{1}{2}$ and full length of the square alternatively in the anticlockwise direction, a new design is added in each alternative figure and rest of the designs change their position alternatively. Following this rule the answer will be (D).

Problem figures



40. Answer figures



A B C D E

Solution:C