

**Direction (1-7):** Read the following passage carefully and answer the questions that follow.

Scottish National Party leader Nicola Sturgeon's declaration that she would block the United Kingdom's exit from the European Union is an indication of the political and constitutional crisis looming over London after the June 23 referendum. Scots overwhelmingly voted to Remain, while Brexiteers won the composite U.K. vote by a 52-48 per cent majority. This means that if the U.K. leadership triggers Article 50 for an eventual exit from the EU, Scotland, despite its public opinion being largely in favour of staying in, will also be out of the club. The Scottish vote in favour of remaining is hardly surprising. Scotland has a positive view of the EU, unlike England and Wales. In the 2014 Scottish independence referendum, campaigners had repeatedly warned that a decision to leave the U.K. would be a decision to leave the EU as well. Young people value the European labour market for employment. Ever dissatisfied with English domination in the U.K., Scots see themselves as part of the European project. Therefore, the overwhelming anxiety about the Brexit reality. This explains Ms. Sturgeon's pledge to block the U.K.'s exit.

However, beyond the rhetoric, her party doesn't have the authority to override Westminster — even if Holyrood passes a resolution against Brexit, London could dismiss it. But such a situation could yield a bitter political and constitutional crisis. The U.K. is not just another "country" where provinces blindly follow the centre's diktats. It is a confederation of four nations with competing histories and where regional sensibilities are of great significance. Also, EU laws are incorporated directly into the devolution statutes in Scotland, Wales and Northern Ireland.

The Scottish Act of 1998 clearly states that acts of the Scottish Parliament that are not compatible with EU legislation are "not law". So if the U.K. leaves the EU, these laws would have to be repealed and replaced with new ones. That could certainly put Scotland and London on a collision course. Secondly, Scottish leaders are keenly aware of the local sentiment in support of the EU. Recent polls suggest that the public mood in Scotland is already swinging in favour of leaving the U.K. If 55 per cent of Scots voted for their country continuing in the U.K. in the 2014 referendum, an opinion poll shows that 52 per cent now support Scott exit. Ms. Sturgeon has already said that another independence referendum is "highly likely". The question is whether the U.K. leadership will allow that to happen. It would certainly be a risky move. If Scotland gets another independence vote, calls for Northern Ireland to be merged with the Republic of Ireland, an EU

member, could gain momentum. In Northern Ireland, 56 per cent had supported Remain. Yet, the British leadership may not have many options but to take these risks if they want to ensure a smooth exit from the EU.

1. What is the indication of the political and constitutional crisis looming over London after the June 23 referendum?
  - A. EU laws are incorporated directly into the devolution statutes in Scotland, Wales and Northern Ireland
  - B. Scots overwhelmingly voted to Remain, while Brexiteers won the composite U.K. vote by a 52-48 per cent majority
  - C. Scottish National Party leader Nicola Sturgeon's declaration that she would block the United Kingdom's exit from the European Union
  - D. if the U.K. leadership triggers Article 50 for an eventual exit from the EU, Scotland, despite its public opinion being largely in favour of staying in, will also be out of the club
  - E. None of the above
2. Which among the following is TRUE according to the passage given above?
  - A. Scotland has a positive view of the EU, unlike England and Wales
  - B. In Northern Ireland, 56 per cent had supported Remain
  - C. Both A and B
  - D. Either A or B
  - E. None of the above
3. What does the Scottish Act of 1998 clearly state?
  - A. that acts of the Scottish Parliament that are not compatible with EU legislation are not law, if the U.K. leaves the EU, these laws would have to be repealed and replaced with new ones
  - B. If Scotland gets another independence vote, calls for Northern Ireland to be merged with the Republic of Ireland, an EU member, could gain momentum
  - C. Scot Ever dissatisfied with English domination in the U.K., Scots see themselves as part of the European project
  - D. Both A and C
  - E. All of the above
4. According to the passage what do recent polls suggest?
  - A. Young people value the European labour market for employment
  - B. the public mood in Scotland is already swinging in favour of leaving the U.K
  - C. Scotland has a positive view of the EU
  - D. Both A and C
  - E. All of the above
5. According to the passage, Scots see themselves as part of the?
  - A. United kingdom
  - B. England and Wales
  - C. the European project
  - D. Both A and B
  - E. None of above

6. According to the passage, which of the following statements is NOT TRUE?
- The European labor market is valued by the young people for employment.
  - The UK is a confederation of four nations where people blindly follow the centre's diktats.
  - The acts of the Scottish Parliament that are not compatible with EU legislation are "not law", as per the Scottish Act of 1998.
  - Scotland and London are likely to be put on a collision course if the UK leaves the EU.
  - Calls for merging Northern Ireland with the Republic of Ireland are likely to gain momentum if Scotland gets another Independence vote.
7. Which of the following represents a contrast discussed in the given passage?
- Dilemma regarding the creation of new laws
  - Incorporation of EU laws into the devolution statutes in Scotland
  - Scot's instability regarding the decision to leave the EU
  - Both A and B
  - Both B and C

**Direction (8-15):** Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of the questions.

Thomas Piketty has thrown a flaming dart into the Indian economic debate. In a new paper written in collaboration with Lucas Chancel, the French economist has shown that income inequality in India is now at its highest level since the income tax was first levied in 1922. The title of the study is suitably eye-catching—Indian Income Inequality 1922-2014: From British Raj To Billionaire Raj. Indian inequality data has traditionally been derived from consumer surveys that understate the extent of the problem. Chancel and Piketty have calculated inequality from tax data, national income accounts and sample surveys—a much better method, though the way these disparate data sources have been integrated leads to potential methodological tangles that could lead to an overstatement of the extent of inequality in India. The two economists show that income inequality has been rising steadily since Rajiv Gandhi became prime minister. This is not a unique finding. The most obvious conclusion to be drawn is that economic reforms have relatively benefited a tiny group at the top of the Indian income pyramid, though absolute incomes have gone up across deciles since 1980 while the poverty ratio has **plummeted**. However, the uneven distribution of higher growth needs more public attention. There are two important lessons to be **gleaned** from a careful reading of the data that has been released. First, the increase in income

inequality coincides with the sharp rise in Indian economic growth after 1980. Also, notice the very significant drop in income inequality during the stagnant 1970s. This points to the famous hypothesis put forth by Simon Kuznets—that inequality tends to rise during periods of rapid growth thanks to the uneven pace at which people move from low productivity to high productivity activities. The correlation between economic growth and income inequality since 1965 needs to be worked out in a statistically rigorous manner. Second, income inequality is not just about the share of national income going to the top 1%. There are deeper distributional issues. A comparison with China tells us a lot. Chancel and Piketty show that the share of national income captured by the bottom half in both India and China after 1980 has been broadly similar. The big difference between the two countries is in the fact that the middle 40% in India got 23% of the increase in national income since 1980 while the same group in China got 43%—a massive gap of 20 percentage points. This difference of 20 percentage points was largely captured by the top 1% in India. This new paper believes the answer to this paradox lies in the failure of labour-intensive manufacturing in India compared to its massive success in China. The latter could absorb millions of people who left farming because of the rapid expansion of large enterprises, as was the case in most other successful structural transformations in Asia. India has failed on this front. There are two major political economy lessons that flow from these trends. First, that a sustainable attack on mass poverty should be focused on job creation in the modern sectors of the economy rather than redistribution through fiscal spending that is eventually destabilizing. Second, widening income inequality weakens public support for liberal economic reforms. It is also apt to once again underline the historical fact that no country has been able to win the battle against mass poverty without rapid economic growth. China is the latest example. Inequality is a problem that deserves more public attention—but the solution is more inclusive growth rather than misplaced nostalgia for the miserable 1970s.

8. Choose the word which is the synonym of the word printed in bold, as used in the passage.
- Plummeted**
- Levitated
  - Hurtled
  - Intumesced
  - Nosedived
  - Pullulated
9. How is the traditional method of Indian inequality data differ from Chancel and Piketty method for calculating inequality in India?

A. Because the traditional method is understated whereas the method used by Chancel and Piketty lead to an overstatement.

B. Because the traditional method does not use tax data, national income accounts and consumer surveys for the calculations.

C. Because the traditional method uses only consumer surveys whereas Chancel and Piketty have calculated from tax data, national income accounts and sample surveys.

D. Because the traditional method understates the problem whereas Chancel and Piketty used survey-based statistics generally used in public debates.

E. Both A and B

10. Choose the word which is an antonym of the word printed in bold, as used in the passage.

**Gleaned**

A. Wangled

B. Nabbed

C. Avulsed

D. Culled

E. Prorated

11. What are the evident conclusions Chancel and Piketty have drawn?

I. Economic reforms have relatively benefited a tiny group at the top of the Indian income pyramid.

II. The turnaround of income inequality has been associated with the nomination of Rajiv Gandhi as prime minister in 1984.

III. Due to economic reforms, the relative incomes have gone up across deciles since 1980.

A. Only I

B. Only III

C. Both I and II

D. Both I and III

E. All of the above

12. What observation points towards the famous hypothesis put forth by Simon Kuznets from a careful reading of the data?

A. That the very significant drop in income inequality during the stagnant 1980s

B. That in the 1970s and the 1980s, when income inequality is shown to have fallen to the least was the period when India's GDP and per capita income growth rates fell to one of the lowest levels

C. That without extreme growth at the very top of the distribution, there wouldn't have been high growth in India

D. That the increase in income inequality coincides with the sharp rise in Indian economic growth after 1980

E. The correlation between economic growth and income inequality since 1965 needs to be worked out in a statistically rigorous manner

13. What are the major lessons that can be drawn out from the Chancel and Piketty paper?

I. That a sustainable attack on mass poverty should be focused on job creation in the modern sectors of the economy.

II. That widening income inequality weakens public support for liberal economic reforms

III. The correlation between economic growth and income inequality needs to be worked out in a statistically rigorous manner.

IV. Rapid economic growth is important for a country to battle against mass poverty.

A. Only I

B. Both I and II

C. I, II and III

D. Both I, III and IV

E. All of the above

14. What conclusion does the paper draw from the comparison of data between India and China

A. Income inequality is not just about the share of national income going to the top 1%.

B. The Indian top 1% has done extremely well, the Chinese middle has benefited far more than the Indian middle, and the bottom half in both countries has had broadly similar experiences.

C. The Indian top 1% has done extremely badly, the Chinese middle has benefited far more than the Indian middle, and the bottom half of India performed slightly better than Chinese bottom half.

D. The Indian top 1% has done extremely well, the Chinese middle has been benefited six times more than the Indian middle, and Indian bottom half has performed three times more than the Chinese bottom half.

E. The Indian top 1% has done extremely well, the Chinese middle has been benefited five times more than the Indian middle, and the bottom half in both countries has had broadly similar experiences.

15. Which of the following statement is untrue according to the passage?

A. The method used by Chancel and Piketty to calculate the inequality in India leads to potential methodological tangles that could lead to an overstatement of the extent of the problem.

B. In India, the proportion of the labour force in agriculture has come down, but the workers who have left farms have not got jobs in modern factories or offices.

C. Income inequality in India is now at its highest level since the income tax was first levied in 1922 because of the failure of labour-intensive manufacturing in India.

D. The Indian Income Tax Act was passed in 1922.

E. According to Chancel and Piketty estimates, the share of national income accruing to the top 1% income earners is now at its highest level since the creation of the Indian Income Tax [Act] in 1922.

**Direction (16-20):** A statement with three blanks, followed by three words, is given below.

These words fit in the given sentence in some sequence. Choose the correct sequence from the given alternatives. If the correct sequence is not given in the alternatives, mark 'None of these' as the answer.

16. India will slash the sales tax next week on most goods \_\_\_\_\_ to the highest 28 percent rate, Finance Minister Arun Jaitley said Friday, as pressure \_\_\_\_\_ for the government to reduce the \_\_\_\_\_ of the new nationwide tax on business.
- A. Burden, Grows, subject
  - B. Subject, burden, grows
  - C. Subject, grows, burden
  - D. Grows, burden, subject
  - E. None of these
17. Japanese Finance Minister Taro Aso said on Friday that he was not aware that a \_\_\_\_\_ agreement had been reached \_\_\_\_\_ the 11 remaining members of the Trans-Pacific Partnership (TPP), as there are some lingering \_\_\_\_\_ involving Mexico and Vietnam.
- A. Among, issues, final
  - B. Final, issues, among
  - C. Issues, final, among
  - D. Final, among, issues
  - E. None of these
18. Chinese e-commerce giant Alibaba said sales \_\_\_\_\_ 10 billion yuan (\$1.51 billion) in just over three minutes from the opening of Singles' Day, an annual \_\_\_\_\_ discount sales gala that has \_\_\_\_\_ the world's biggest shopping spree.
- A. Become, online, topped
  - B. Topped, online, become
  - C. Online, become, topped
  - D. Become, topped, online
  - E. None of these
19. U.S. Secretary of State Rex Tillerson on Friday \_\_\_\_\_ other countries and groups against using Lebanon as vehicle for a \_\_\_\_\_ proxy fight in the Middle East, saying the United States strongly \_\_\_\_\_ Lebanon's independence.
- A. Warned, larger, backed
  - B. Backed, larger, warned
  - C. Larger, backed, warned
  - D. Backed, larger, warned
  - E. None of these
20. Demand for physical gold in Asia \_\_\_\_\_ tepid this week as high prices \_\_\_\_\_ buyers on the side-lines \_\_\_\_\_ the start of the wedding season in India.
- A. Kept, despite, remained
  - B. Despite, remained, kept
  - C. Remained, kept, despite
  - D. Kept, remained, despite
  - E. None of these
21. **Direction:** Five statements are given at A, B, C, D and E. Among these, four statements are in a logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.

- A. Maharashtra's Vidarbha region has faced an immense developmental backlog and an acute agrarian crisis that has led to nearly 14,000 suicides of farmers in the last 16 years.
- B. Since July this year, it is facing another kind of disaster with farm laborers and small farmers being hospitalized for symptoms of pesticide poisoning.
- C. Considering the public outrage over farmer suicides and the state of agriculture, both the state and central governments ought to be extra vigilant about such occurrences.
- D. One of the main reasons for the intense spraying of pesticide for cotton pests in July this year is explained by the findings of the CICR.
- E. Pesticide dealers are central players and are not shy to promote and sell toxic pesticides to illiterate farmers.
22. **Direction:** Five statements are given at A, B, C, D and E. Among these, four statements are in a logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.
- A. A transaction in the land is more complex and chaotic in Bihar than in other Indian states because the land records are not updated.
- B. Bihar had its first and only comprehensive land survey in 1915 and since then, a piece of land has changed multiple hands.
- C. While the buyers get the land registered in their names by paying the stamp duty, there is no culture of getting the mutation—which legally establishes ownership of a property in the name of a new owner—done at the block level.
- D. Till the late 1990s, the purchase and sale of land in Bihar took place mostly amongst locals and verbal agreements sufficed.
- E. With the spurt in land prices, the buyers increasingly consider it safer to get the mutation done in Bihar.
23. **Direction:** Five statements are given at A, B, C, D and E. Among these, four statements are in a logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.
- A. The JAM (Jan Dhan-Aadhaar-Mobile) trinity proposed in the Economic Survey 2014-15 is an integral part of the current government's poverty alleviation strategy.
- B. The linking of Aadhar numbers, bank accounts, and mobile phones would be used to transfer cash to households in lieu of the existing public distribution system (PDS).
- C. Arguments espousing cash transfers as a replacement for PDS claim that PDS is inefficient because of corruption, poor quality of food, and leakages.

D. The government plans to extend the direct benefit transfer (DBT) to food, kerosene and fertilizers, so as to directly transfer subsidies to intended beneficiaries and eliminate intermediaries and leakages.

E. DBT in the form of cash cannot replace the supply of food through the PDS because DBT does not address the problems of identifying the poor ("targeting") and will expose the vulnerable to additional price fluctuation.

24. **Direction:** Five statements are given at A, B, C, D and E. Among these, four statements are in a logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.

A. Sakti Burman, one of the most prominent contemporary Indian artists, is known for paintings inspired by Indian and European mythology.

B. He uses the techniques of pointillism and marbling, and it's difficult to distinguish the real from the surreal in his works.

C. His works bear testimony to his memories and extensive travels and feature humans, animals and cityscapes in dream-like sequences.

D. Ranjit Hoskote aspires to show all this through 'In the Presence of Another Sky: Sakti Burman', a Retrospective, which chronicles 70 years of Burman's tempestuous life and displays 250 of his works.

E. Hoskote and Burman have known each other for 27 years and collaborated on a book that juxtaposed the curator's poems with the artist's images.

25. **Direction:** Five statements are given at A, B, C, D and E. Among these, four statements are in a logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.

A. "Missing labour force in India" - the recent fluctuations in the labour participation of women - is probably due to short-term shifts in activities responding to favourable economic conditions.

B. Such fluctuations need to be placed in the context of a structural change in labour participation wherein the share of women in the labour force as well as labour participation rate of women has been declining for the last quarter of a century.

C. Upward social mobility in Indian patriarchal society in the wake of growing incomes is probably symbolised by women's withdrawal from paid labour and their confinement to unpaid domestic activities.

D. Those who do enter and remain in the labour market are women from the most vulnerable households, as marginalised informal paid labour, thus feminising the most precarious forms of labour in the country.

E. In rural areas, the decline in animal husbandry, and in urban areas a fall in international demand for products of labour-intensive industries, have also contributed to the decline as women were the main employees in these sectors.

26. **Direction:** Select the most appropriate option, out of the five options given, which, in your view, should be grammatically and structurally correct.

A. I feel that at the growth of our national language we should cultivate the international language.

B. As far as possible avoid using from the language of the original

C. The script will be written by Nell Scovell, who helped Facebook's COO, pen the book.

D. Unless the government takes immediate action against corrupt politicians, society would be put to difficulties

E. The scavenger does not come regularly to our street so large hills of rubbish are seen everywhere.

27. **Direction:** Select the most appropriate option, out of the five options given, which, in your view, should be grammatically and structurally correct.

A. It comes naturally to most of us to think of music as therapeutic as it not only soothes our soul but also helps in setting the mood.

B. A leopard though smaller than an elephant is a much dangerous animal

C. We have taken for consideration all factors and I do not think there is any scope to reconsider the decision.

D. The rain was so continual that people were forced to stay indoors

E. Education today has degenerated into a purposeless accumulation with useless knowledge.

28. **Direction:** Select the most appropriate option, out of the five options given, which, in your view, should be grammatically and structurally correct.

A. I cannot support them slipping away from the class while the professor is still teaching.

B. I was trying to find the place where I have kept my luggage.

C. With each academic year the number of applicants are increasing in all the colleges.

D. As I availed myself to Wi-Fi and bottled water, there was barely time to relax before we had pulled up to the entrance of Dubai's latest luxury address.

E. One of the most controversial writers of the century was buried quietly in his home town.

29. **Direction:** Select the most appropriate option, out of the five options given, which, in your view, should be grammatically and structurally correct.
- A. The student whom he told me has passed the examination and joined the army.
- B. No sooner did he see the police when he ran away to hide behind a house.
- C. She came with his family members to attend the wedding reception of her best friend.
- D. Staying at home is more preferable than going out with someone you don't like.
- E. Researchers there knew that one of the best defences against skin cancer was melanin activated in the skin.
30. **Direction:** Five statements labelled A, B, C, D, and E are given. Among these, four statements are in logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.
- A. A draconian present-day surgery is holding out fresh hope for patients of cardiac myopathy or enlargement of heart.
- B. The technique allows patients to go home two weeks after the operation, to lead a near-normal sedentary life.
- C. Cardiac myopathy is a condition that has a variety of causative factors.
- D. An attack from one of the 20 identified viruses and parasites could bring it on, and in rare cases, it could follow childbirth.
- E. The condition is marked by an increase in the size of the heart's chambers and a decrease in efficiency and pumping.
31. **Direction:** Five statements are given at options A, B, C, D and E. Among these, four statements are in logical order and form a coherent paragraph/passage. Choose the option that does not fit into the theme of the passage.
- A. Instructors should design their courses to empower students.
- B. It does not matter whether the instructor thinks that he or she is giving students control; rather, what matters is that students perceive that they have control over some aspect of their learning.
- C. Empowerment refers to the amount of perceived control that students have over their learning.
- D. Some of my biggest successes have occurred when I took chances and tried something that I created myself.
- E. The optimal amount of control needed by students to be motivated will vary from student to student and will likely depend upon many variables including the difficulty of the content, the ability of the students, and the extent of students' prior experiences related to the content.
- Direction (32-36):** Which of the following given at (A), (B), (C) and (D) can replace the words/phrases given in bold in the sentence to make it grammatically and structurally correct? If the sentence is correct as it is, mark 'No correction required' as the answer.
32. The United Nations has **assembled** the violence **from** the past 10 weeks as a classic example of ethnic **prayer** to drive the Rohingya Muslims out of the Buddhist **people** Myanmar.
- A. Confirmed, at, clean, major
- B. Denounced, during, cleansing, majority
- C. Announced, by, bathing, large
- D. Allowed, time, search, big
- E. No correction required
33. U.S. officials have **claimed** privately that intercepting a **white** missile is among options under **wraps**, though there is disagreement within the administration **for** the risks.
- A. Told, proven, negligence, into
- B. Commenced, diligent, cover, doing
- C. Said, test, consideration, about
- D. Performed, examine, mystery, getting
- E. No correction required
34. Indian ride-hailing firm Ola said it has **bought** up with Microsoft to build a connected-car **device** and will use the U.S tech giant's Azure cloud-computing **data** to power its in-car entertainment **design**.
- A. Knocked, system, information, industry
- B. Sold, concept, data, bias
- C. Brought, algorithm, plot, speed
- D. Tied, platform, service, offering
- E. None of these
35. Even though the boundaries of constituencies were **altered** in 2001 to equate population among the parliamentary and assembly seats; the number of Lok Sabha seats that each state has **remained** unaltered since 1971 census and may only be changed after 2026 as the constitution was again **amended** (87th amendment to Indian Constitution) in 2002 to continue the **freeze** on total number of seats in each state till 2026.
- A. Changed, solidified, explained, stuck
- B. Sustained, mocked, back, check
- C. Modified, persisted, revised, cap
- D. Retained, suspended, come, adhere
- E. None of these
36. The Scottish system is more **complicated** than many other national league systems, **consisting** of several completely **separate** systems or 'grades' of leagues and clubs, with Senior football, Junior football, and **beneath** these Amateur and Welfare football.
- A. Complex, limiting, accompanied, down
- B. Congruent, extensive, composure, beneath
- C. Simple, containing, more, under
- D. Intricate, comprising, different, below
- E. None of these

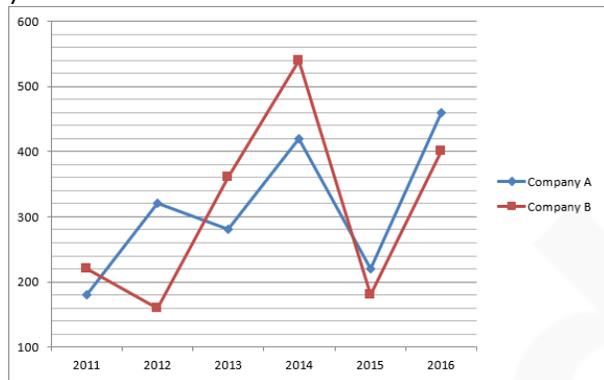


44. **Directions:** What will come in place of the question mark (?) in the following number series?  
24, 31, 59, 106, (?), 249, 341
- A. 125                      B. 149  
C. 164                      D. 170  
E. 177

45. **Directions:** The following number series has a wrong number in it. Find out that wrong number and mark your answer accordingly:  
15, 17, 36, 111, 442, 2212
- A. 36                      B. 111  
C. 17                      D. 15  
E. 442

**Direction (46-50):** Refer the graph and answer the given questions.

The following line graph shows the number of products sold by company A and B during six years.



46. What is the difference between the total number of products sold by A and B together in 2013 to the total number of products sold in these two companies in 2016?
- A. 240                      B. 260  
C. 180                      D. 200  
E. 270
47. Out of total number of products sold by A in all these six years, only 25% are defected. What is the total number of non-defective products sold by A in all these years?
- A. 1500                      B. 1480  
C. 1520                      D. 1410  
E. 1370
48. The number of product sold by A in 2012 is approximately what percent more than the number of products sold by B in 2015?
- A. 78%                      B. 65%  
C. 82%                      D. 55%  
E. 69%
49. If in 2017, the total number of product sold by company B is increased by 30% from the previous year and the total number of product sold by company A remains the same from the previous year then what is the total number of product sold by A and B together in 2017?

- A. 1000                      B. 920  
C. 980                      D. 1080  
E. 840

50. What is the ratio of the total number of product sold by company A and B together in 2013 to the total number of products sold in these two companies in 2014?
- A. 3:5                      B. 2:3  
C. 4:7                      D. 5:7  
E. 7:11

**Direction (51-55):** The question given below is followed by some statements. Read the question carefully and determine which of the given statements is/are necessary/required to answer the question.

51. How many students from institute 'A' got the placement?
- I. Number of students studying in institutes A and B are in the ratio of 3:4 respectively.  
II. Number of students who got placement from institute B is 120% of the number of students who got placement from institute A  
III. 80% of the students studying in institute B got placement.
- A. I and II both                      B. Only I  
C. Only II                      D. Any one of the three  
E. Question cannot be answered even with the information in all three statements
52. What is the average weight of boys in the class?
- I. Average weight of all the 60 students is 45 kg.  
II. Average weight of girls is 50 kg.  
III. Total weight of all the boys together is 1250 kg.
- A. Only II and III  
B. I and either II or III  
C. Any two of the three  
D. All I, II and III  
E. cannot be determined
53. Find the two digit number?
- I. The difference between the number and the number formed by interchanging the digit is 27  
II. The difference between two digits is 3.  
III. The digit at unit's place is less than that at ten's place by 3
- A. I and III                      B. I and either II or III  
C. II and III                      D. All of these  
E. None of these
54. What is the cost of flooring the rectangular hall?
- I. Length and the breadth of the hall are in the ratio of 3:2  
II. Length of the hall is 48 m and cost of flooring is ₹ 850 Per sq.m.  
III. Perimeter of the hall is 160 m and cost of flooring is ₹ 850 per sq m

- A. I and II
- B. I and III
- C. Only III
- D. I and either II or III
- E. Any two of the three

55. Sonu's income is how much more than Monu's?
- I. Sonu's income is 30% less than her husband's whose provident fund deduction at the rate of 5% is Rs 975 per month.
  - II. Monu spends 30% of her income on house rent, 15% of which is electricity bill.
  - III. Sonu's expenditure on house rent is 4500 more than that of Monu's.
- A. Only II and III are sufficient
  - B. Only I and III are sufficient
  - C. Any two statements are sufficient
  - D. All together are necessary
  - E. All even together are not sufficient

**Direction (56-60):** Study the table carefully and answer the following questions.

Village	% of people having Bank account out of total population in the village	Out of people having Bank account	
		% male among the total people Bank account	% of Inoperative Bank account
A	50%	40%	30%
B	45%	60%	20%
C	35%	80%	10%
D	40%	50%	20%
E	55%	30%	40%

56. If in the village B inoperative account is 36 then what is the population of village B?
- A. 600
  - B. 300
  - C. 350
  - D. 400
  - E. 500
57. If the population of village D and E are in ratio of 1:2 then what is the ratio of operative bank account in village D to village E?
- A. 16:33
  - B. 18:35
  - C. 41:37
  - D. 5:17
  - E. 12:17
58. If in village C out of total people having bank account 56 are females then what is the total population of village C?
- A. 600
  - B. 800
  - C. 400
  - D. 1200
  - E. 1000
59. Percentage of operative bank account in village A is by what percentage more than the percentage of inoperative bank accounts in the same village?
- A. 33.33%
  - B. 66.66%
  - C. 133.33%
  - D. 75%
  - E. 25%
60. If the ratio of population in village A, B and C are in 1:2:4 then approximately what percentage of people in village A, B and C taking together have a bank account?

- A. 75%
- B. 71%
- C. 57%
- D. 67%
- E. 84%

**Direction (61- 65):** In the following question, there are two equations. Solve the equations and answer accordingly:

61. I.  $49x^2 - 84x + 36 = 0$   
 II.  $25y^2 - 30y + 9 = 0$
- A.  $x < y$
  - B.  $x > y$
  - C.  $x=y$ , or relation cannot be established
  - D.  $x \geq y$
  - E.  $x \leq y$
62. I.  $x^2 - \sqrt{36}x + \sqrt[3]{512} = 0$   
 II.  $y^2 - \sqrt[3]{125} + 4 = 0$
- A.  $X > Y$
  - B.  $X \geq Y$
  - C.  $X < Y$
  - D.  $X \leq Y$
  - E.  $X = Y$  or the relationship cannot be established
63. I.  $7x^2 + (10^2 - 2^3)x + 33\sqrt{25} = 0$   
 II.  $y^2 + (22\sqrt{4})y + (22)^2 - 1 = 0$
- A.  $x < y$
  - B.  $x \leq y$
  - C.  $x > y$
  - D.  $x \geq y$
  - E.  $x = y$  or no relation
64. I.  $x^2 - 23x + 130 = 0$   
 II.  $y^2 = 169$
- A.  $x > y$
  - B.  $x \geq y$
  - C.  $x < y$
  - D.  $x \leq y$
  - E.  $x = y$  or the relationship cannot be established
65. I.  $12x^2 - 43.2x + 21.6 = 0$   
 II.  $10.5y^2 + 17.5y - 7 = 0$
- A.  $x < y$
  - B.  $x > y$
  - C.  $x \leq y$
  - D.  $x \geq y$
  - E.  $x = y$  or relationship cannot be established
66. In a class, the average marks obtained by the girls was equal to the number of boys in class and the average marks obtained by the boys was equal to the number of girls in class. Find the strength of the class, if the class average marks is 5 less than the average of both girls and boys average marks.
- A. 45
  - B. 60
  - C. 90
  - D. Insufficient data
  - E. None of these
67. A boat can go BA (upstream) in 84 minutes. The Same boat when going downstream (AB) takes 9 minutes less than what it would take in still water. How much time will it take to reach from A to B (downstream)?



**Directions:** Study the following information carefully and answer the questions given below:

In a certain code language –

'given time best person' is written as 'Sim4 Aes4 Oerso6 Five5'

'every word like future' is written as 'Vor4 Dver5 Eutur6 Kik4'

'pen writer should read' is written as 'Rhou6 Vrite6 Oe3 Qea4'

'driver flight plane airport' is written as 'Qlan5 Eligh6 Zirpor7 Crive6'.

81. Which of the following code for 'Happy'?
- A. Iapp5                      B. Gapp5  
C. Gapp6                      D. Iappy5  
E. Gappy6
82. Which of the following code for 'suit color'?
- A. Rui4 Bolo5                B. Bolo6 Sui4  
C. Rui4 Dolo5                D. Dolo6 Sui4  
E. None of these
83. In the given code language, what does the code 'Dver5' stand for?
- A. word                        B. like  
C. Every                        D. future  
E. None of these
84. In the given code language, what does the code 'best writer' stand for?
- A. Aes4 Vrite6                B. Vrite6 Sim4  
C. Sim4 Rhoul6                D. Can't be determined  
E. None of these

**Direction (85-90):** Study the information given below and answer the questions based on it.

There are five units i.e. 1, 2, 3, 4 and 5. Each unit has a different height. Also, each unit contains books and boxes. Unit 2 is above unit 1 and unit 3 is above unit 2 and so on. Every unit belongs to different country i.e. India, China, England, France and Canada, not necessarily in the same order. The total height of all five units is equal to 265''ft.

**Note:** Total height of each unit = Total heights of books+ Total heights of boxes

The unit belongs to China is an even number unit. There are two units gap between the unit belongs to China and the unit belongs to England. The total height of unit 1 is 30''ft. The unit belongs to England is height not 30''ft. The total height of books in unit 4 and unit 5 together is 75''ft. The total height of boxes in unit 3 is 15''ft. The unit which belongs to Canada is total height is 65''ft. Canada's unit's total height of books is less than 50''ft. Canada's unit just above the unit which books heights 30''ft. France's unit's total books height is 20''ft. Canada's unit's total boxes height is thrice of France's total boxes height. Unit 2 and unit 3 books heights are same. Unit 2 total heights are 15''ft less than Canada's unit.

85. What is the total height of unit 5?
- A. 45''ft                        B. 50''ft  
C. 75''ft                        D. 55''ft  
E. 60''ft
86. Unit 3 belongs to which of the following country?
- A. India                         B. England  
C. China                        D. France  
E. Canada
87. How many units gap between England's unit and Canada's unit?
- A. 0                              B. 1  
C. 2                              D. 3  
E. 4
88. What is the sum of the total height of unit 3 and unit 2?
- A. 90''ft                        B. 85''ft  
C. 100''ft                       D. 95''ft  
E. 75''ft
89. What is the height of boxes in unit 1?
- A. 15''ft                        B. 10''ft  
C. 20''ft                        D. 25''ft  
E. 30''ft
90. Which of the country's unit's total height is 2<sup>nd</sup> lowest?
- A. China                        B. England  
C. India                         D. France  
E. Canada

**Direction (91-95):** In each of the following questions, a question is followed by three statements numbered I, II and III. Read all the statements to find the answer to given question and then answer accordingly that which statement/s can give the answer alone/together.

91. Eight friends A, B, C, D, E, F, G and H are sitting in a row facing south. Who sits second to the right of H?
- Statement I:** B sits second to the right of G, who is third to the right of E. A sits at one of the extremes and is second to the right of C
- Statement II:** D sits third to the left of H, who sits second to the right of E. H sits third to the left of B
- Statement III:** A sits third to the right of G, who sits second to the left of B. G sits fourth to the right of D. C and H does not sit adjacent to each other.
- A. II and III  
B. All three  
C. Any one  
D. I and II  
E. Both A and D

92. In which direction is F with respect to C?  
**Statement I:** C is to the west of both D and M. T is to the south of both E and D. There is at least one person in any primary direction from D  
**Statement II:** K is to the east of M. K is to the north-east of S. F is to the north of O who is to the south of K.  
**Statement III:** F is to the east of E and northwest of T. M is to the north of A and South of F.
- A. I and II  
 B. II and III  
 C. I and either II or III  
 D. All three  
 E. None of these
93. Ten family members A, B, C, E, I, J, K, R, S and W are linked to each other in a particular relation. What is the relation of person B with respect to person J?  
**Statement I:** K is the father of A. A is married to J. J is the daughter of C. C is the grandfather of B. I is married to R.  
**Statement II:** W is the wife of S. S is the brother of A. R is the father of B. C is married to E and the couple has two daughters.  
**Statement III:** The person I is the mother of B. J and I are children of E. J is the daughter-in-law of K. K is the father of S.
- A. The statements I and III taken together are sufficient to answer the question  
 B. The statements I and II taken together are sufficient to answer the question  
 C. Any of the two statements taken at a time are sufficient to answer the question  
 D. All of the statements taken together are sufficient to answer the question  
 E. Neither of the statement is sufficient to answer the question
94. Who among Reena, Meena, Renu, Roma, Rahul and Reshu each having different heights, who is the tallest?  
**Statement I:** Meena is taller than Reena but shorter than Rahul  
**Statement II:** Only two of them are shorter than Renu.  
**Statement III:** Roma is taller than only Reshu.
- A. Only I and III are sufficient to answer the question.  
 B. Only I and II are sufficient to answer the question.  
 C. Only II and III are sufficient to answer the question.  
 D. All I, II and III are sufficient to answer the question.  
 E. None of these

95. Who among P, Q, R and S is the youngest?  
**Statement I:** R is younger than S but older than P and Q  
**Statement II:** S is older than Q and R but not older than P  
**Statement III:** P is older than Q but not older than R
- A. Only I and II  
 B. Only II and III  
 C. Only II and III  
 D. Only I and III  
 E. None of these

**Direction (96-100):** Read the following information carefully and answer the questions.

Eight family members Ramesh, Kajal, Karan, Priyanka, Teena, Rakesh, Sonu and Garima are sitting on a circular table four of them are facing center and others are facing outwards.

Ramesh is son-in-law of Priyanka. Rakesh is brother-in-law of Kajal. Teena is sister-in-law of Ramesh. Sonu is son of Ramesh. Garima is sister of Sonu. Teena is sitting second to the right of her father who is facing inside. Garima is second to the left of her aunt. Ramesh is second to the left of her daughter. Kajal is facing outside and sitting between her sister and her father. Sonu is sitting to the left of his sister and facing outside. Priyanka is not sitting adjacent to her daughter.

96. Who is sitting second to the left of Kajal?  
 A. Sonu  
 B. Garima  
 C. Rakesh  
 D. Karan  
 E. Priyanka
97. How is Rakesh related to Sonu?  
 A. Father  
 B. Uncle  
 C. Brother  
 D. Son  
 E. Cousin
98. Who is sitting opposite to Priyanka?  
 A. Sonu  
 B. Garima  
 C. Rakesh  
 D. Karan  
 E. Priyanka
99. How is Kajal related to Ramesh?  
 A. Wife  
 B. Sister  
 C. Sister-in-law  
 D. Daughter  
 E. Mother
100. Who is sitting opposite to Karan?  
 A. Sonu  
 B. Garima  
 C. Rakesh  
 D. Karan  
 E. Priyanka

101. **Direction:** In each of the following question, a statement is followed by two course of action. A course of action is taken for redressal, follow up, etc. Read the statement carefully and Answer.

**Statement:** The National Skill development committee conducted an assessment among their trainers and found the performance below mandatory level.

**Course of action:**

- I. Should immediately organise remedial courses and training to improve standards
- II. Should terminate poor performers and hire new trainers.

Choose the correct option from below

- A. If only I follows
- B. If only II follows
- C. If both I and II follows
- D. If neither I nor II follows
- E. If either I or II follows

102. **Direction:** Study the following paragraph and answer the given question.

India upped the tax on the super-rich (Income greater than INR 5 Cr/Year). There has been a considerable increase in Income Tax, increasing the minimum tax percentage to 25%. There have been no widespread protests in the country though. The educated populace have actually welcomed the move.

Which of the following **assumption** explains the status quo?

- A) India reduced the taxes on luxury goods which made the super-rich very happy.
- B) India warded off the tax on all car imports, giving the citizens a chance to use environment friendly cars.
- C) Indian government has increased the minimum income level to be considered for taxation from 7 Lakhs to 10 Lakhs per annum.
- D) Indian government has waived off all the loans on farmers.

- A. Only A
- B. Only A & B
- C. Only C
- D. Both C & D
- E. Other than given options.

103. **Direction:** In each of the following question, two statements are given. They may either be independent causes, independent effects or bear a cause and effect relationship that is unique to each other. Read both the statements carefully and mark:

**Statements:**

- I. The RBI have released new instruction to banks asking them to reduce the interest rates of certain kind of loans namely, home loan, education loan and loan for small scale industries.
- II. The students and parents have been protesting against the massive hike in fees by professional institutes and most of the students are forced to take education loans.

- A. Statement I is the cause & statement II is its effect.
- B. Statement II is the cause & statement I is its effect.
- C. Both the statements I & II are independent causes.
- D. Both the statements I and II are effects of independent causes.
- E. Both the statements I and II are effects of some common cause.

104. **Direction:** Read the following instruction and answer it:

Besides disregard for the ban of burning of paddy straw, with the support of several farmers' unions, farmers have also cautioned the State government against taking stringent action against them.

Several unions have made it clear that if police cases are registered against them, the government will have to face the consequences in the form of large-scale agitations.

What could be the possible reason behind the rebel of farmers?

- A. Burning of paddy is the quickest and cheapest way of getting rid of the residue
- B. Farmers fear for their freedom
- C. It is the tradition and custom of the farmers
- D. Farmers don't want government to interfere in their matter
- E. All of above

**Direction (105-109):** Read the given information carefully and answer the given question:

A and B are two scooters that move in different directions, such that the scooter B is 8m east of scooter A. The scooter M is 6m from the scooter T, such that the scooter M is west of the scooter T. The scooter Z is south of the scooter A, and the distance between the scooter Z and scooter A, is half the distance between the scooter A and scooter B. The scooter T then moves to the south to reach to the scooter F with some 'x' distance. The distance between scooter Z and scooter X is 2m more than the distance between the scooter M and scooter T such that scooter X is west of scooter Z. The scooter N is 4m away from the scooter M such that the scooter N is in the south of the scooter M. The distance between scooter N and scooter F is 2m less than the distance between the scooter X and scooter Z. The distance between scooter P and scooter F is 6m more than the distance between the scooter O and scooter N, such that scooter P is south of the scooter F. The scooter Y is 6m away from the scooter X such that scooter Y is south of the scooter X. The distance between scooter O from scooter N is 14m, such that scooter O is facing west of the scooter N. The scooter O is east of scooter Z such that the distance between scooter A and M is same as scooter Z and scooter N. The scooter B is west of scooter M.

105. What is the direction of scooter N with respect to scooter T?  
 A. South  
 B. South- west  
 C. South- east  
 D. North – east  
 E. North – west
106. What is the distance to the scooter Z from the scooter O?  
 A. 6m in the east direction.  
 B. 8 m in the east direction  
 C. 8 m in the east direction.  
 D. 6 m in the west direction.  
 E. 12m in the west direction.
107. What is the shortest distance between the scooter Z and scooter Y?  
 A. 8m  
 B. 7m  
 C. 10m  
 D. 6m  
 E. 12m
108. What is the 'x' distance between the scooter T and scooter F?  
 A. 4m  
 B. 6m  
 C. 8m  
 D. 10m  
 E. 12m
109. What is the half the distance between the scooter P and scooter F?  
 A. 6m  
 B. 8m  
 C. 20m  
 D. 15m  
 E. 10m

**Direction (110-114):** Study the information given below and answer the questions based on it.

There are seven persons in a family namely A, B, C, D, E, F and G. All of them related to with each other in an order. Also, each person has a different age. D is elder to G but younger to A. The one who is 3<sup>rd</sup> eldest is 50 years old and the one who is 2<sup>nd</sup> youngest is 18 years old. D is father of C. C is elder to F. D is married to G. D's mother age is 68 years. The one who is eldest member in the family is a male member. F is niece of A. B is elder to A and married to E but not the eldest. E has two sons. F is sister of C.

110. What can be the age of the eldest person in the family?  
 A. 66 years  
 B. 72 years  
 C. 70 years  
 D. 68 years  
 E. Both (b) and (c)
111. How is D related to A?  
 A. Father  
 B. Brother  
 C. Uncle  
 D. Son  
 E. Grandfather

112. Who among the following is the youngest person?  
 A. C  
 B. G  
 C. F  
 D. D  
 E. A
113. If the age of A+D=92 years then what is the age of D?  
 A. 42 years  
 B. 44 years  
 C. 55 years  
 D. 36 years  
 E. Can't be determined
114. How many persons are elder to G?  
 A. 0  
 B. 1  
 C. 2  
 D. 3  
 E. 4
115. **Direction:** In the questions below, a statement is given followed by two arguments. Choose the most appropriate option depending on which argument strengthens the given statement.  
**Statement-** Anti-Romeo squad is unlawful.  
**Arguments :**  
 I. Yes, couple should be free from moral policing  
 II. No, this is precautionary measure to ensure that public places should be free from eve- teasing.  
 A. If only argument I is strong  
 B. If only argument II is strong  
 C. If either I or II is strong  
 D. If neither I nor II is strong  
 E. If both I and II Argument is strong.

**Direction (116-120):** Study the following information carefully and answer the question given below:

There are eight persons A, B, C, D, E, F, G and H. They are born in the month (Same for each person) of different years i.e. 1976, 1980, 1982, 1990, 1991, 1995, 2000 and 2005. There ages are considered as on the same month of 2017. B is born in odd number year but he is not the youngest. E is 37 years old now. C was born in 1990. G is at least 9 years older than B. D is younger than B and born in odd number year. A is 18 years younger than G. F is older than D but not the older person. Not more than 2 persons are younger than F.

116. Who among the following is youngest person?  
 A. A  
 B. C  
 C. D  
 D. B  
 E. G
117. How many persons are older than C?  
 A. 2  
 B. 3  
 C. 1  
 D. None  
 E. more than 3
118. What is the difference of age between F and E?  
 A. 15 years  
 B. 10 years  
 C. 30 years  
 D. 4 years  
 E. 12 years



138. Bandhan Bank Ltd. is an Indian banking and financial services company headquartered in Kolkata, West Bengal started as a \_\_\_\_ company.
- Infrastructure finance
  - Micro-Finance
  - Small Finance
  - Small & Medium Enterprises
  - Other than the given options
139. As per the RBI guidelines for Small finance banks, within the first year of operations bank must have \_\_\_\_ of its branches set up in rural (unbanked) areas.
- 28%
  - 20%
  - 25%
  - 30%
  - 15%
140. The National Financial Switch (NFS) facilitates routing of ATM transactions through inter-connectivity between the Bank's Switches, thereby enabling the citizens of the country to utilize any ATM of a connected bank. The National Financial Switch (NFS) is run by \_\_\_\_.
- National Payments Corporation of India (NPCI)
  - Industrial Finance Corporation of India (IFCI)
  - Institute for Development and Research in Banking Technology (IDRBT)
  - Reserve Bank of India (RBI)
  - None of these
141. Who among the following will be head of the committee to study the entire gamut of regulatory issues relating to Fin Tech (financial technology) and Digital Banking in India?
- Ananad Sinha
  - PK Sinha
  - Sudarshan Sen
  - Rakesh Mohan
  - Subir Gokran
142. What is the theme of International Day of Persons with Disabilities which was observed across the world on 3 December 2016?
- Sustainable Development. The Promise of Technology
  - Rights of Persons with Disabilities. Action in Development
  - A voice of our own
  - Achieving 17 Goals for the Future We Want
  - None of the above
143. The government has decided to increase the foreign direct investment (FDI) limit in private banks from the existing 74% to \_\_\_\_
- 90%
  - 100%
  - 95%
  - 80%
  - None of these
144. A savings as well as current account should be treated as inoperative/dormant if there are no transactions in the account for over a period of \_\_\_\_ years.
- One
  - Two
  - Three
  - Four
  - Five
145. For a BSBDA (Basic Savings Bank Deposit Account), total of debits by way of cash withdrawals and transfers will not exceed \_\_\_\_\_ in a month.
- Rs. 5000
  - Rs. 10000
  - Rs. 20000
  - Rs. 25000
  - Rs. 50000
146. Which system is used for a web based solution to facilitate interbank, bulk transactions towards distribution of subsidies, dividends, interest, salary, pension etc.
- National Electronic Fund Transfer
  - National Financial Switch (NFS)
  - National Automated Clearing House (NACH)
  - Point of Sale
  - Unified Payments Interface (UPI)
147. Micro credit or micro finance is a novel approach to banking with the poor. In this approach bank credit is extended to the poor through.
- Anganwadi
  - Cooperative credit societies
  - RBI
  - Self Help Groups
  - Small Industries Development Bank
148. Which type of electronic fund transfer operates in half hourly batches?
- National Electronic Funds Transfer (NEFT)
  - Real Time Gross Settlement (RTGS)
  - Net Demand and Time Liabilities (NDTL)
  - Immediate Payment Service (IMPS)
  - Other than given options
149. In which of the following state Asia's first cycle highway has been inaugurated?
- Madhya Pradesh
  - Uttar Pradesh
  - Maharashtra
  - Telangana
  - None of these
150. Lakshmi" which is India's first banking robot has been launched by which bank?
- ICICI Bank
  - HDFC Bank
  - City Union Bank
  - Axis Bank
  - Yes Bank
151. What do we call the risk of collapse of an entire financial system or entire market?
- Seismic Risk
  - Systemic Risk
  - Systematic Risk
  - Market Risk
  - Economic Risk
152. The area of operation of Local Area Banks (LABs) is limited to a maximum of \_\_\_\_ geographically contiguous districts and are allowed to open branches only in its area of operation.
- Four
  - Three
  - Five
  - Six
  - Seven

153. As per the RBI guidelines on Small Finance Bank, a maximum loan size to a single person cannot exceed to \_\_\_\_\_ of total capital funds.  
 A. 20%                                      B. 12%  
 C. 10%                                        D. 15%  
 E. 25%
154. Who owned the initial shares of the Reserve Bank of India when it was started in 1934?  
 A. Imperial Bank of India  
 B. British Govt.  
 C. RBI Board of Director  
 D. Private shareholders  
 E. None of these
155. \_\_\_\_\_ is the only Central Record-Keeping Agency (CRA) authorised by Ministry of Finance, Government of India.  
 A. SEBI                                        B. RBI  
 C. CIBIL                                        D. SHCIL  
 E. CBDT
156. The headquarter of Rabobank is in \_\_\_\_\_.  
 A. New York, USA                            B. Utrecht, Netherlands  
 C. Tokyo, Japan                                D. Beijing, China  
 E. Italy, Rome
157. Bollywood based theme park is in \_\_\_\_\_.  
 A. Mumbai, India                            B. Dubai, UAE  
 C. New York, USA                            D. London, UK  
 E. None of these
158. Global Citizen festival 2016 held in \_\_\_\_\_.  
 A. Mumbai                                    B. Jaipur  
 C. Goa    D. Bengaluru  
 E. New Delhi
159. Kumarakom Bird Sanctuary is situated in \_\_\_\_\_.  
 A. Tamil Nadu                                B. West Bengal  
 C. Kerala                                        D. Assam  
 E. Madhya Pradesh
160. Gobind Sagar Dam is situated in which state of India?  
 A. Gujarat                                      B. Himachal Pradesh  
 C. Rajasthan                                    D. Maharashtra  
 E. Odisha

**Direction (161-162):** Study the following information carefully to answer the given questions. A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

**Input: why is 26 bigger then 16 but taller than 34**

**Step I:** then 16 why is 26 bigger but taller than 34

**Step II:** then 16 is 26 why bigger but taller than 34

**Step III:** then 16 is 26 than 34 why bigger but taller

**Step IV:** then 16 is 26 than 34 why taller bigger but

**Step V:** then 16 is 26 than 34 why taller but bigger

Step V is the last step of the rearrangement of the above input as the intended rearrangement is obtained. As per the rules followed in the above steps, indicate the answer in each of the following questions with respect to the appropriate step for the given input. Input for the questions.

**Input – does any number less than 30 and more than 20 not equal 40**

161. Which step number would be the following output? "than 20 does any number less than 30 and more not equal 40"  
 A. Ste IV                                        B. Step V  
 C. Step II                                        D. Step III  
 E. None of these
162. Copyrighted software that can be used for free is \_\_\_\_\_.  
 A. shareware                                    B. freeware  
 C. groupware                                    D. e-mail  
 E. None of these
163. The scrambling of code is known as \_\_\_\_\_.  
 A. encryption                                    B. a firewall  
 C. scrambling                                    D. password-proofing.  
 E. None of these
164. What is the most common tool used to restrict access to a computer system?  
 A. User logins  
 B. Passwords  
 C. Computer keys  
 D. Access-control software  
 E. None of these
165. To connect networks of similar protocols \_\_\_\_\_ are used.  
 A. Routers                                        B. Bridges  
 C. Gateways                                      D. Dial-up routers  
 E. None of these
166. DSL is an example of a \_\_\_\_\_ connection.  
 A. Network                                        B. Wireless  
 C. Slow    D. Broadband  
 E. None of these
167. The Third Generation Computer was made with \_\_\_\_\_.  
 A. Vacuum Tube                                B. Discrete Components  
 C. Integrated circuits                            D. Bio Chips  
 E. None of these
168. Compilers and translators are one form of \_\_\_\_\_.  
 A. ROM    B. RAM  
 C. hard disk                                        D. Computer Programs  
 E. None of these

169. The main system board of a computer is called the \_\_\_\_\_.  
 A. integrated circuit      B. motherboard  
 C. processor                D. microchip  
 E. None of these
170. In word, you can use Styles to \_\_\_\_\_.  
 A. Make copies of documents  
 B. Save changes to documents  
 C. Delete text in documents  
 D. Format your documents  
 E. None of these
171. A program embedded in a semiconductor chip during their manufacture is called \_\_\_\_\_.  
 A. Humanware                B. Firmware  
 C. Liveware                  D. Hardware  
 E. Software
172. \_\_\_\_ ports connect special types of music instruments to sound cards.  
 A. BUS                         B. CPU  
 C. USB                         D. MIDI  
 E. MINI
173. The process of a computer receiving information server on the Internet is known as \_\_\_\_\_.  
 A. Pulling                      B. pushing  
 C. downloading              D. transferring  
 E. None of these
174. To change the name of an Excel worksheet \_\_\_\_\_.  
 A. Click on the worksheet tab by holding CTRL key and type a new name  
 B. Choose Save option from file menu  
 C. Add a (?) at the end of filename while saving the workbook  
 D. Press CTRL + SHIFT keys and new name  
 E. Double click at the worksheet tab and type a new name
175. Most mail programs automatically complete the following two parts in an e-mail \_\_\_\_\_.  
 A. From : and Body          B. From : and Date:  
 C. From : and To:            D. From : and Subject:  
 E. None of these
176. DHTML stands for \_\_\_\_\_.  
 A. Dynamic hypertext markup language  
 B. Dynamic hypertext main language  
 C. Digital hypertext main language  
 D. Digital hypertext markup language  
 E. None of these
177. Each \_\_\_\_\_ on a menu performs a specific action.  
 A. Client                        B. Server  
 C. Node                         D. Command  
 E. None of these
178. The script which is designed to receive value from the web users is \_\_\_\_\_.  
 A. Web script                  B. Power C91 script  
 C. Java script                 D. All of the above  
 E. None of these
179. \_\_\_\_\_ processing is used when a large mail-order-company accumulates orders and processes them together in one large set.  
 A. Batch                        B. Online  
 C. Real-time                  D. Group  
 E. None of these
180. \_\_\_\_\_ is one reason for problems of data integrity  
 A. Data availability constraints  
 B. Data inconsistency  
 C. Security constraints  
 D. Unauthorised access of data  
 E. Data redundancy
181. To make a copy of the current document to disk \_\_\_\_\_.  
 A. Use the "save" command  
 B. This cannot be done  
 C. Use the "duplicate" command  
 D. Copy the document  
 E. Use the "save as" command
182. Advanced word processing features include all except creation of \_\_\_\_\_.  
 A. Alternate headers and footers.  
 B. columns  
 C. detailed architectural drawings  
 D. style sheets  
 E. None of these
183. Which of the following is not true about RAM?  
 A. RAM is a temporary storage area  
 B. RAM is the same as hard disk storage  
 C. RAM is volatile  
 D. Information stored in RAM is gone when you turn the computer off  
 E. None of these
184. A set of information that defines the status of resources allocated to a process is \_\_\_\_\_.  
 A. Process Control          B. Process Description  
 C. ALU                         D. Register Unit  
 E. None of these
185. Who among the following has invented programming language Ruby?  
 A. Yukihiro Matsumoto      B. Dannis Retchie  
 C. Bill Gates                  D. Steve Jobs  
 E. None of these
186. The digital telecommunications term ISDN is an abbreviation for \_\_\_\_\_.  
 A. Integrated Standard Digital Networks  
 B. Internet Services Data Network  
 C. Interactive Standard Dynamic Networks  
 D. Integrated Services Digital Network  
 E. None of these
187. The keyboard shortcut to centralise the selected text in Word is \_\_\_\_\_.  
 A. Ctrl + Esc  
 B. Ctrl + C  
 C. Alt + C  
 D. There is no keyboard shortcut for this operation  
 E. Ctrl + E

188. \_\_\_\_\_ is a set of computer programs that runs or controls computer hardware and acts as an interface with application programs and users.
- A. Object code
  - B. A compiler
  - C. An operating system
  - D. The CPU
  - E. None of these
189. Indexes created from a sequential set of primary keys are referred to as \_\_\_\_.
- A. Indexed file organization
  - B. Sequential file
  - C. Index sequential
  - D. All of the above
  - E. None of these
190. A data warehouse \_\_\_\_.
- A. Contains numerous naming conventions and formats
  - B. Is organized around important subject areas
  - C. Contains only current data
  - D. Can be updated by end users
  - E. Explains some observed event or condition
191. CAD stands for \_\_\_\_.
- A. Computer aided design
  - B. Computer algorithm for design
  - C. Computer application in design
  - D. All of the above
  - E. None of these
192. Who was the Founder of Bluetooth?
- A. Ericsson
  - B. Martin Cooper
  - C. Steve Jobs
  - D. Apple
  - E. None of these
193. ERP is an acronym for \_\_\_\_.
- A. Enterprise Retirement Planning
  - B. Enterprise Relationship Planning
  - C. Enterprise Resource Planning
  - D. Enterprise Reorder Planning
  - E. Enterprise Retention Planning
194. A type of channel used to connect a central processor and peripherals which uses multiplexing is known as \_\_\_\_.
- A. Modem
  - B. Network
  - C. Multiplexer
  - D. All of these
  - E. None of these
195. Which of the following is not a type of database?
- A. Hierarchical
  - B. Network
  - C. Relational
  - D. Transition
  - E. None of these
196. Primary key is a \_\_\_\_.
- A. Common key
  - B. Unique key
  - C. Input key
  - D. Output key
  - E. None of these
197. When machine instructions are being executed by a computer, the instruction phase followed by the execution phase is referred to as
- A. program cycle
  - B. machine instruction
  - C. execution cycle
  - D. task cycle
  - E. machine cycle
198. Video Controller \_\_\_\_.
- A. Controls the resolution of images on screen
  - B. Controls the signals to be sent and received from processor for display
  - C. Handles the entire electronic work behind the formation of images on the screen
  - D. Is responsible for allocating pixels for formation of images
  - E. Is responsible for the refresh rate of the screen/monitor
199. To see the document before the printout is taken, use \_\_\_\_.
- A. Insert Table
  - B. Paste
  - C. Format Painter
  - D. Cut
  - E. Print Preview
200. Which of the following commercial software products are examples of operating system software and application software respectively?
- A. Microsoft Windows XP and Microsoft Word
  - B. Microsoft Office XP and Microsoft Windows XP
  - C. MS DOS and Microsoft Windows XP
  - D. UNIX and LINUX
  - E. UNIX and Java