NASSCOM Previous Paper Questions

Directions for Questions 1-5:

Read the passage and answer the questions that follow on the basis of the information provided in the passage.

He was one of the five players summoned by the Pakistan Cricket Board after the Test series defeat to India. Shoaib, Moin Khan and Abdul Razzaq underwent a series of tests in Lahore on Wednesday. But PCB chief Ramiz Raja said: "The commission has not been constituted to find a scapegoat and punish him."Shoaib has rubbished the charges and said he had a torn ligament in his back which prevented him from bowling in the final Test.The four-man commission will also look into the injuries of Moin Khan, Abdul Razzaq, Shabbir Ahmed and Umar Gul.The medical commission is expected to submit its report to the PCB by next week.If found guilty, Shoaib could face a ban and a fine.

Ramiz added: "It has been constituted to find why so many players got injured and what can be done in future to prevent this.

"The other objective is to help the players get their names cleared from the general perception that they faked their injuries, if they were genuinely injured."

"But while saying this, I must make myself very clear that if it was proved some players did fake their injuries, they will be taken to task."

Shoaib reacted strongly to the accusations that his back injury in Rawalpindi was not genuine, despite the fact that he clubbed 28 runs off 14 balls after hurting himself.

"You need the whole body to be perfect when you bowl - it is different when you are batting. I am surprised how someone can think Iwas not badly injured," he said.

1) Who is .he. mentioned in Line 1?

A) Moin Khan B) Shoaib Akthar C) Abdur Razzaq D) Ramiz Raja

2) Why is the commission constituted according to Ramiz Raja?

A) To find out why so many players got injured and what can be done in future to prevent so many injuries.

B) To find out whether the players were faking injuries.

C) To find a scapegoat and punish him.

D) To investigate the poor performance of the team against India.

3) Shoaib could face a ban due to which one of the following reasons?

A) Wrong bowling action

B) Sledging

C) Misbehaving with team members

D) Faking injury

4) According to Shoaib:

A) The whole body has to be perfect to bowl

B) The whole body has to be perfect to bat

C) It is ok for a batsman to be injured

D) A bowler can still bowl with a back injury

5) From the passage above, it can be inferred that the game was played at:

A) Lahore B) Rawalpindi C) India D) Cannot be determined

Directions for Questions 6-9:

Choose the option, which will CORRECTLY fill the blank.

6) There is a horse _____ the field.

A) With B) In C) At D) On

7) You have to hand in your project _____ October.

A) By B) On) Over D) Between

8) His paralyzed leg is insensitive _____ feeling.

A) To B) In C) For D) With

9) Why can.t he distance himself _____ the unlawful activities of his friends?

A) Beyond B) With C) Off D) From

Directions for Questions 10-12: Choose the word nearest in meaning to the word in ITALICS from the given options.

10) The bounties of nature are being exploited by man.

A) Gifts B) Products C) Rules D) Ecological balances

11) The minister corroborated the statement of his party president.

A) Condemned B) Confirmed C) Denied D) Accepted

12) He is a candid politician.

A) Frank B) Faithful C) Fearless D) Soft-spoken

Directions for Questions 13-15: Choose the answer option which will CORRECTLY fill the blank.

13) Please nominate ___ few delegates from your organisation to attend ___ seminar scheduled tomorrow.

A) The, a B) The, an C) An, a D) A, the

14) We keep _____ open door policy.

A) An B) The C) A D) No article required

15) ___ sealed tender was sent to ___ organisation and ___ management waited eagerly for _ response.

A) An, the, an, the B) A, the, the, a C) The, a, a, an D) An, an, an, the

Section 2 - Analytical & Numerical Ability

16) Find the percentage of prime numbers present between 1and 100 (including both).

A) 20 B) 25 C) 24 D) 23

17) Tom is 25 % taller than Amy. By what percent is Amy shorter than Tom?

A) 75%   B) 80%   C) 25%   D) 20%

18) A shopkeeper offered a discount of 15% on the labeled price. By selling an article for Rs. 340, after giving discount, he earned a profit of 13 1/3%. What would have been the percent profit earned if no discount was offered?

A) 0.2 B) 0.3333 C) 0.1717 D) 0.25

19) If a:b=3:4 and b:c=2:7, then what is the value of a:b:c?

A) 3:4:14 B) 3:4:7 C) 6:4:7 D) 6:8:12

20) The prices of a refrigerator and a cell phone are in the ratio 3:2. If the refrigerator costs Rs. 6000 more than the cell phone, what is the price of the cell phone?

A) Rs. 1200 B) Rs. 12000 C) Rs. 8000 D) Rs. 9000

Directions for Questions 21-24:

Read the following information and answer the questions that follow:

A room of floor area 3x3 is to be fitted with tiles of size 1x1 of different colors. The black tile is in between the green and the white tiles. The blue tile is adjacent the red tile. The orange tile is adjacent the pink tile. The yellow tile is to the right (east) of the red tile, and the violet tile is to the left (west) of the orange tile.

21) If the yellow tile is to the north of the white tile, and the black tile is between the red and the orange tiles, where is the violet tile?

A) To the north of the green tile B) To the west of the orange tile

C) To the east of the blue tile D) None of the options

22) If the blue tile is present between the green and the violet tiles, the black tile will be to the north of:

A) The blue tile B) The red tile C) The orange tile D) Cannot be determined

23) If the pink tile is between the yellow and the white tiles, which of the following is/are TRUE?

A) The orange tile is between the red and the black tiles. B) The blue tile is to the east of the red tile.

C) The yellow tile is to the west of the red tile. D) All the options

24) If the orange tile is between the black and the red tiles, and the orange tile is to the north of the red tile which of the following is definitely FALSE?

A) The green tile is to the north of the violet tile. B) The white tile is to the south of the pink tile.

C) The orange tile is to the left of the pink tile. D) The red tile is to the left of the yellow tile.

25) If in a certain language, MUSIC is coded as LSPEX. How will SOUND be coded in that language?

A) RMRJY B) RNTMC C) RNTJY D) RMJTY

Directions for Question 26: Given below are four figures, of which three are similar and the fourth one is different. Find the odd figure.

26)

A) B) C) D)

Directions for Question 27:

In the following questions, three figures are given, that follow a certain sequence or pattern. Find the next figure in the sequence from the answer choices provided below.

27)

A) A B) B C) C D) D

Directions for Question 28:

Each question has two statements and some conclusions. Choose the conclusion that logically follows:

28) All mangoes are apples.

All apples are sweet.

A) All mangoes are sweet. B) Some mangoes are sweet.

C) Some mangoes are not sweet. D) Both A and B

Directions for Question 29:

Assuming the statement given in each question to be true, point out the inference as one of the following:

(A)- True

(B)- False

(C)- Uncertain

(D)- None of the options

29) Statement: Only educated people can find a solution.

Inference: No uneducated person can find a solution.

A) A B) B C) C D) D

Directions for Question 30:

In the following questions, mark

1, if statement I alone can help determine the conclusion

2, if statement II alone can help determine the conclusion

3, if statement I and II taken together can help determine the conclusion

4, if none of the statements, taken together or separately, can help determine the conclusion

30) Conclusion: The foundation stone for the building is laid.

Statement I: Without a foundation, a building cannot be raised.

Statement II: Ministers lay foundation stones.

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

Section 3 - Learning Ability

Directions for Questions 31-35:

Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Common Gateway Interface

The Common Gateway Interface, or CGI, is a standard interface between an HTTP server and an application. CGI enables the webserverto generate dynamic content rather than just return static HTML files. In addition, because CGI can accept and process information submitted by the user, it can provide two-way interaction between the client and the web-server. For example, CGI is commonly used to create dynamic HTML pages from information in a database, or to process user input such as validating a creditcard when a product is ordered online. Many popular internet search engines use CGI. These engines receive search criteria from theuser,

process the input, and return the search results. CGI was the first and continues to be the most popular method of buildingdynamic Web sites.

Typically, CGI scripts are written in Perl, Tcl, C or a Unix shell, but almost any language can be used, including Java. A CGIapplication works in the following manner. When the web-server receives a request that maps to a CGI application, it executes a CGIprogram that runs in its own process space. The CGI program returns HTML to the web-server, and the web-server returns the

HTML to the client. To illustrate, a typical CGI transaction might go like this:

1) The server receives a request for a resource called /cgi-bin/guestbook.cgi.

2) Either because the file has a .cgi extension or because it is located in the /cgi-bin directory, the server recognizes the file as a CGI request and launches the guestbook.cgi program, passing any parameters received from the client.

3) The guestbook.cgi program executes, processing any information passed as a parameter, and returns an HTML document to theweb-server.

4) The web-server returns the HTML to the client.

To the user, this process is completely transparent. The user simply requested a resource using a URL and received an HTMLdocument in return. Other than the format of the URL, the user would have no way of knowing that the document was created dynamically on the server rather than simply stored in a static file. Using this process, the web-server can vary its response based on user input. Prior to CGI, this kind of two-way interaction on the web was not possible.

One important note is that all CGI applications run as independent processes. Creating a new process for every CGI request hurts performance and is resource intensive. This is in contrast to 'servlets' that are loaded just once and thereby perform better.

31) CGI revolutionized the Internet because:

i) Static HTML pages automatically became dynamic.

ii) It provided a two-way interaction between the client and the server.

iii) One could think beyond static HTML pages.

iv) Web-servers were no longer required.

A) ii only B) iv and i C) ii and iii D) iii only

32) Before the advent of CGI:

A) Credit cards were invalid. B) Internet search engines could not exist.

C) Since pages were static, they could not contain images. D) Perl, Tcl, C or a Unix shell were never used.

33) All CGI applications run as independent processes causing:

A) Lower performance and optimal utilisation of resources.

B) Enhanced performance and non-optimal utilisation of resources.

C) Enhanced performance and optimal utilisation of resources.

D) Lower performance and non-optimal utilisation of resources.

34) CGI made validation of credit cards possible because:

A) The browser client could pass the credit card number to the server.

B) Credit card companies accepted the feasibility of online systems.

C) It is a standard interface between an HTTP server and an application.

D) Internet became more secure and reliable.

35) If you are given the task of creating an online web application using CGI, you will definitely need to:

i) Create guestbook.cgi.

ii) Build dynamic HTML pages by making database requests.

iii) Write CGI scripts in a language such as Perl, Tcl, C, Unix Shell, Java etc.

iv) Channel client requests through the web-server.

A) iii and iv B) i, iii and iv C) Only iii D) ii and iii