Note: short description of every points must be
there in each answer.   (1)

AS-2881

B. Sc (Hons') (fifth semester) Examination, 2013

Paper: PCSC - 501
(Internet Application)

Maximum marks: 30

Section - A   5×1 = 5
(Objective Type Questions)

1. Choose the correct alternatives:
   a) Pre-specified tags   b) user-defined tags
   c) tags only for linking d) fixed tags defined by the lang

ANS - (d) fixed tags defined by the Language

2. Desirable Properties of a website are:
   (i) a meaningful address (ii) help and search facilities
   (iii) links to related sites (iv) features to allow users
        to give feedback (v) hosting on a mainframe

ANS - (b) (i), (ii), (iii), (iv)
   (i) a meaningful address   (ii) help and search faciliti
   (iii) links to related sites (iv) features to allow users +
                                    give feedback

3. HTML stands for:
   a) Hyper Text Making Links   b) Hyper Text Markup La
   c) Higher Textural marking of Links d) Hyper Text Mixer of
                                                Links

ANS - (b) Hyper Text Markup Language

4. A URL specifies the following :

i) Protocol used   ii) domain name of server hosting web page iii) name of folder with required information iv) name of document formatted using HTML v) the name of ISP

ANS – (a) (i), (ii), (iii), (iv)

(i) Protocol used (ii) domain name of server hosting web page (iii) name of folder with required information (iv) name of document formatted using HTML.

5. A web page is located using a :
(a) universal Record Linking (b) uniform Resource Locator
(c) universal Record Locator (d) uniformly Reachable Links

ANS – (b) uniform Resource Locator

True or False :

a) HTML stands for Hypertext Making Language. [False]

ANS – [False] Hypertext Markup Language

b) Browser is used to send client side Request. [True]

c) <IMG> tag is used for image in html. [True]

d) Protocols are set of rules for governing Data Communication. [True]

e) TCP stands for Transfer communication Protocol. [False]

ANS – [False] Transmission Control Protocol.

Section - B   4×5 = 20

Note : Attempt any four questions

au-② How Internet is used to fill online forms in various examinations? Explain with an example.

ANS— Now a days Internet is the biggest and easiest way to do our routine works. Students use it for their educational Purposes and to fill online forms for various examinations.

To save time and Provide feasibility to users, most of the government bodies and Private bank and companies Provide forms online for various examinations like UGC-NET, SLET, Bank, P.S.C, Food Inspector, Assistant block officer etc.

Steps used for filling online forms are :—

1) First sit on the computer/Mobile having Internet facility.
2) Open any web Browser.
3) Now Open the website which you wish.
4) Click the form to Open
5) Start filling the form with details like
   a) Personal details
   b) Educational details
   c) upload your Photo, signature & thumb Expression.
   d) Details regarding bank transactions for fees.
   e) upload your email

f) complete other details also.

g) submit the form.

h) Registeration Number is generated.

i) Download & Remember the registeration number for future use or transaction.

j) Get your admit card and form with your registeration Number.

Afterwards Provide a suitable example and Proforma for explaining the question.

Examples → UGC - NET, Income Tax officer, Food Inspector etc to support your answer.

Qu-③ what is the importance of Protocols in Data communication ? Explain.

ANS -

1) Definition → Protocols are set of rules for governing data communication.

Example → IP, TCP, UDP, HTTP, SMTP etc.

2) Importance → Each terminal or computer gets identity with IP Address.

Two ways < Offline data communication
            ONline data communication

a) Offline Data communication :- Through server O.S data is communicated to each terminals

— connected via Intranet in Local Area Network.

Example => Working of FTP server.

b) ON-Line Data communication :-

It is done with client – server architecture with HTTP, HTTPS, Telnet, FTP etc Protocols through URL, domain name and type of servers.

Example => i) working of CGI.
ii) working of HTTP server
iii) working of FTP server.

Explaination => consider intranet and internet as case study for explaination. consider client – server architecture, TCP/I suite or intranet for explaining the answer.

Qv-④ Discuss various E-mail facilities available in Internet ?

ANS — 1) Definition => Electronic – mail is the mode of communication for sending and receiving our documents online. sender and receiver both have their own e-mail accounts in any mail server or any serv providing email accounts.

2) Components of Email ⟹ compose Mail
       a) To
       b) Subject
       c) bcc
       d) CC
       e) Text Area
       f) Send / Delete Buttons.

⟹ INbox
⟹ Drafts
⟹ Sent items
⟹ Trash
⟹ Attachments.
⟹ Explain each topics in short

3) Facilities with E-mail

→ compose mail
→ Inbox
→ Draft.
→ Sent Items
→ Attachments (documents, greetings, videos, songs, etc.
     (limited size)
→ Keep your important documents online with
           attachments.
→ get informations of jobs/recruitments/News.
→ chatting
→ Bank Transactions & Net-Banking
→ Surfing

Explain above in short giving examples

Qu- ⑤ write a HTML code for creating a table showing details of car sales in a showroom providing various details of sales Transaction havin table Reading, border size = 3, border color = black, Six columns in table. And atleast six records must be feeded in the table for sales details.

ANS-

Description of Table and HTML

HTML is used to Provide Home Page in any website and links and HyPerlinks are available to connect various Pages.

Tables are used to show details of records in Static websites show that it Provides the details of any transactions.

Details of showroom

Showroom is a Place where two wheelers and four wheelers are gathered in one Place and available to customess for Sale.

Source code

```
<html>
<head> <title> car sales </title> </head>
< body bgcolor = " light blue">
<Center> <HI> SALES TRANSACTIONS </HI> </Center.
< table border size = "3" border color ="black">

<tr>  <th> S. No. </th> <th> car Name </th>
      <th> Company </th> <th> Model </th>
```

```
<th> color </th> <th> Customer Name </th>
<th> Price </th> <th> date </th> <th> Address </l
<th> contact </th> </tr>

<tr> <td> 01 </td> <td> Swift </td> <td> Maruti </
    <td> VXI </td> <td> white </td> <td> Ram
Prasad </td> <td> RS. 6,00,000 </td>
    <td> 22/10/2012 </td> <td> Sarkanda, Bilaspur </t
    <td> 9300784786 </td> </tr>

- - - - - - - - - - - - -
- - - - - - - - - - - -
- - - - - - - - - - - .

</table>
</body>
</html>
```

output

S.NO	car Name	company Name	Model	color	customer Name	Price	date	Address	Contact
01	Swift	Maruti	VXI	white	Ram Prasad	6,00,000	22/10/ 2012	Sarkanda Bilaspur	9300784 786

SALES TRANSACTION

car sales

Qu-(6) Create a form for feeding any student's information in the database having five textboxes, five labels, one checkbox, one option button/radio button. and three command buttons?

ANS — Form provides an interface to submit and receive data to and from database.

a) Label => used to identify the Textbox

b) Textbox => used to send or retrieve data to & from database

c) Checkbox => Allow multiple selection

d) Radio button => Allow single selection

e) Button => used to send information of complet form to the database

f) Explain about forms.

<u>Source code</u>

```
<html>
<head>
<title> student Information </title>
</head>
<body bgcolor="green">
<form name="hari" method="Post"
        action="http://www.ggoj.com">
```

```
<h1> ONLine student details </h1> <br>

Name : < input type = "text" name = "a" > <br><br>

Roll No. : <input type = "number" name = "b"> <br><br>

Address : <input type ="text" name = "c"> <br><br>

Contact : <input type = "text" name = "d"> <br><br>

E-mail : <input type = "text" name = "e"> <br><br>


Gender    <input type="radio" name ="g"> male
          <input type ="radio" name ="g"> Female <br>

Course    <input type = "cheekbox" name="c"> C
          <input type = "cheekbox" name ="c++">c++
          <input type = "cheekbox name="Java"> Java


<input type = "submit" value ="send" >
<input type = "submit" value = "Cancel">
<input type = "submit" value =" Delete">

</form>
</body>
</html>
```

Output

Student Information

ONLine student Details

Name [_____]

RollNo. [_____]

Address [_____]

Contact [_____]

E-mail [_____]

Gender   ○ male   ○ Female

Course   ☐ C   ☐ c++   ☐ Java

[Send]   [Cancel]   [Delete]

Qu-(7) create a html code for generating frames in which row division of 40%, 60% ratio is used ? Implement two links in top side which are focused towards Bottom side as hyperlinks Providing the details of employees in the form of Ordered List ?

ANS — Description :— web Page is divided into two sections in row span having 40% and 60% Partition.

Explain it in details according to question.

main.html

```
<html>
<head> </head>
<frameset rows = " 40%, 60%">
<frame name = "top" src = "top.html>
<frame name = "bottom" sre = "bottom.html">
</frameset>
</html>
```
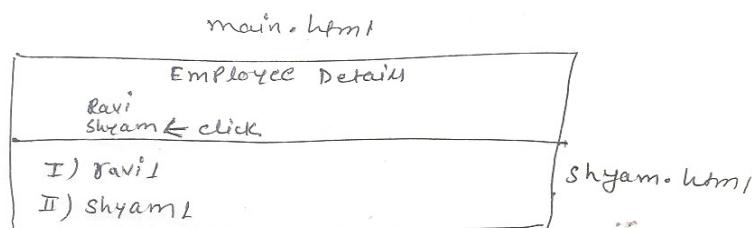
top.html

```
<html>
<head> </head>
<body bgcolor = "green">
<H1> Employee Details </H1>
<a href = "ravi.html" target = "bottom"> Ravi </a>
<br>
<a href = "shyam.html" target = "bottom"> shyam </a
<body>
</html>
```
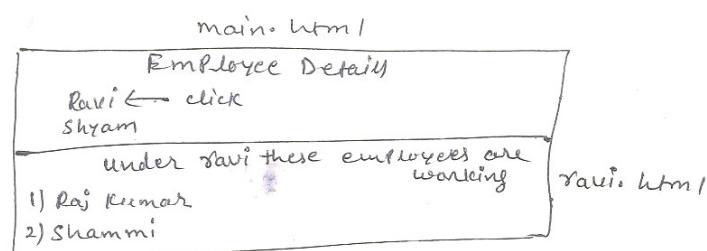
bottom . html

```html
<html>
<head> </head>
<body bgcolor="blue">
<H1> welcome to bottom </H1>
</body>
</html>
```

ravi.html

```html
<html>
<head> </head>
<body bgcolor="red">
<a href="web.html" target="bottom">
<H2> under ravi these employees are working </H2>
<ol type="1">
<li> Raj kumar </li>
<li> shammi </li>
</body>
</html>
```

Shyam . html
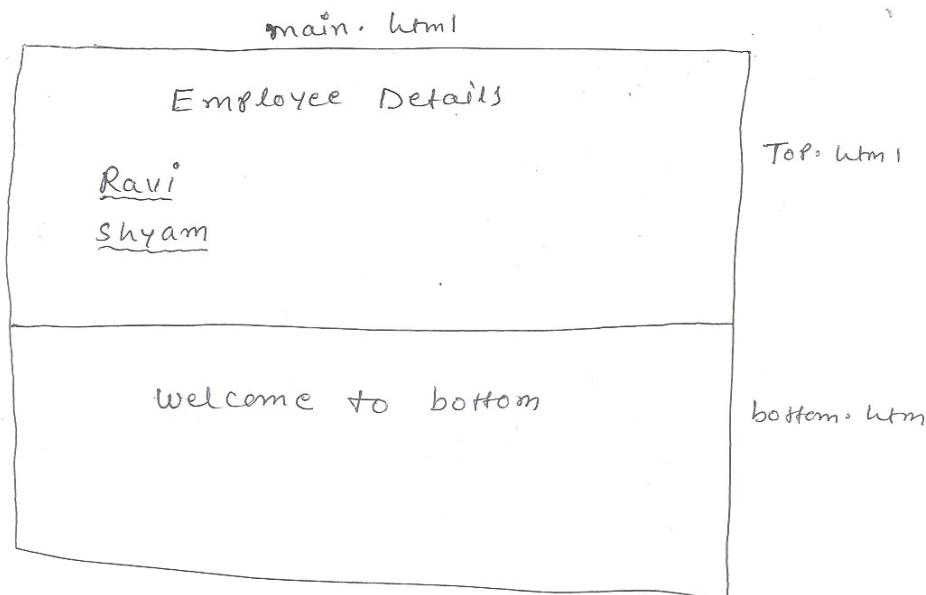
```html
<html>
<head> </head>
<body bgcolor="grey">
<H2> under shyam these employees are working </H2>
<a href="web.html" target="bottom">
<ol type="I">
<li> Ravi </li>
<li> Shyam </li>
</body> </html>
```

Ans — Give details of Hyperlinks after clic[k]

main. html

```
Employee Details

Ravi
Shyam


Welcome to bottom
```

TOP. html

bottom. htm

main. html

```
Employee Details
Ravi ← click
Shyam
        under ravi these employees are
                              working
1) Raj Kumar
2) Shammi
```

ravi. html

main. html

```
Employee Details
Ravi
Shyam ← click
  I) ravi1
  II) shyam1
```

shyam. html

X————————X————X————

(H.S. P. Tonde)