

ANSWERS

PAPER 1

Ques. No.	Answer	Ques. No.	Answer	Ques. No.	Answer	Ques. No.	Answer	Ques. No.	Answer
1	2	2	1	3	1	4	3	5	1
6	3	7	3	8	4	9	3	10	2
11	1	12	4	13	2	14	2	15	3
16	4	17	4	18	2	19	2	20	3
21	1	22	4	23	3	24	1	25	2
26	2	27	4	28	3	29	2	30	3
31	1	32	4	33	2	34	4	35	3
36	2	37	1	38	4	39	4	40	2

PAPER 2

1. (i) A - True
 B - True
 C - False
 D - True
 E - True

- (ii) I - R
 J - P
 K - S
 L - Q

- (iii) A = phitaz@annand@yahoo.com
B = 192.168.1.2
C = http
D = Internet Explorer
E = myinfo.html
- (iv) P = 0, Q = 1, R = 0, S = 0
- (v) 10101010 is equivalent to decimal 170
- (vi) Computers understand only binary numbers (or bit patterns). For the computer to understand all characters which include alphabetic and other non-numeric characters, the relevant characters must be mapped to numbers.
- (vii) A, D, E = input device
B = input and output device
C = output
- (viii) A = rectangular marquee tool
B = Cropping/selecting unnecessary parts of region of an image
C = Magic wand, selecting areas of similar color
D = Eraser
E = Paint bucket/ fills an area on an image based on color similarity of selected area
- (ix) A = N
B = H
C = total
D = avg
- (x) A = search engine
B = Spread sheet
C = Word Processor
D = Presentation

- 2. (i) = C3*D3
- (ii) A- E3, B- right, C- E8
- (iii) =sum(E3:E8)
- (iv) max
- (v) E7 and E9

3. (i) Food Item Table – ItemID

Supplier Table – SupplID

(ii) (a) Food Item Table

(b) 1001 Fish buns 14

1005 fruit drinks 18

(iii) (a) Food Item Table, Purchase Table

(b) Food Item Table, add following record

1006 Cutlets 25

Purchase Table, add following record

20/09/13 5002 1006 25

4. (i) A- home page

B- hyper links

C- template

D- website

E- Authoring tools

F- web browser

G- Markup tags

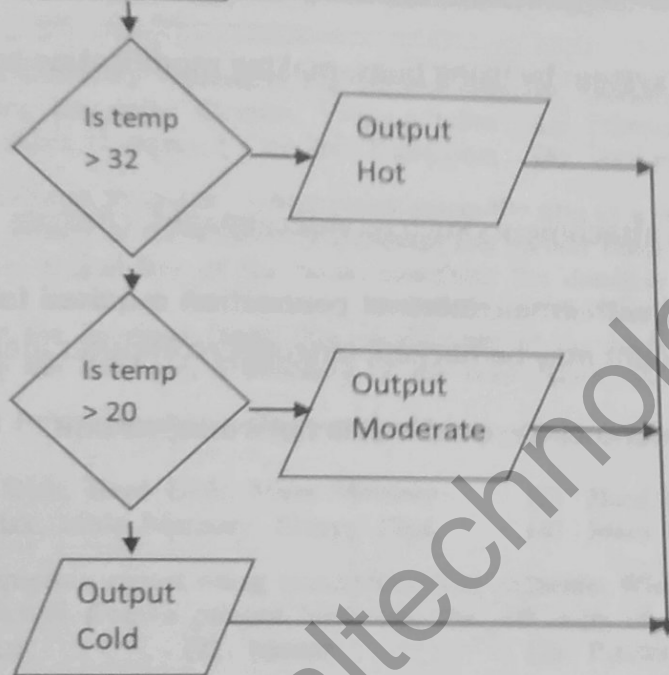
(ii) 1= H1, 2= BR, 3= B, 4= UL, 5= IMG

05. (i) Compiler translates the highlevel language statements into machine code by taking the entire program as input while interpreter does the same by taking one statement at a time

(ii) A, E, F



(iii) Input Temp



6. (i) P- Eyes looking straight

Q- back support

R- chair with correct height

S- foot stool for correct positioning of feet

T- Monitor at eye level

(ii) a) Telemedicine is the use of telecommunication and information technologies (internet) in order to provide clinical health care at a distance by a medical professional

b) Government to citizen services – Use of internet to provide government services to citizens, for e.g. obtaining revenue license for vehicles using website

- (iii) a) Securing access to lab using secure locks, doors and windows. Using UPS/voltage stabilizer
- b) Installing a virus guard, installing a firewall
- c) using passwords, keeping backups

7. (i) a) Operational feasibility
- b) Systems analysis
- c) Interviewing/ observation/ document observation/ questionnaires
- d) Coding/programming/software implementation
- e) maintaining the system by fixing bugs, making modification to the systems

- (ii) a) Faster, can have attachments such as video/images, cheaper
- b) Virus can spread with email, internet connection required for recipient and sender, mail account may be hacked, language/computer literacy
- c) chatting, teleconferencing, social media networks, forums