Subex Whole Placement Test Paper

COMPUTER HARDWARE: - (10Ques)

1. What is full form of USB

2. What does a modem do

3. Smallest memory module

4. Question about RAID level

5. Question on Phone jack,RJ45

OPERATING SYSTEM: - (10Ques)

1. Latest O/S of windows

2. Button for going boot setup

3. Fastest ,slowest bus on CPU

4. Parts present on the motherboard

OSI, TCP/IP: - (20Ques)

1. Questions on Layer that does error correcting, flow control, encryption,

2. Tcp/ip protocols –UDP,TCP

3. Loop back IP,multicast IP, classes of IP

4. Private IP

5. UTP stands for, question on 10 base T

6. Bluetooth works thru which medium

7. Questions on IP addresses acc. to conditions-gateway, hub

8. Question on port number of SMTP,POP3,DNS

9. Which layer moves bit,packet,frame

10. Questions on PING

NETWORK SECURITY: - (10Ques)

1. Question on Trojan horse,spam,https,virus

TROUBLESHOOTING: - (10Ques)

1. Question on spooling

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2.   You start your comp. & it makes beep noise-problem is due to?

3.   LAN is accessed but not internet?

4.   Reason for network problem

5.   Which is the correct IP for gateway &some questions on IP

Find the O/p of the following

1)

```
#include
int main()
{
    char c='1';
    int j=atoi(c);
}
```

2)

```
int main()
{
    const int j=2;
    int i;
    switch(i)
    {
    case 1:break;
    case j:break;
    default:break;
    }
}
```

3)

```
#define VOLEDEMORT _who_must_not_be_named
```

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```c
int main()
{
    printf("VOLEDEMORT");
}


4)
struct node
{
        char *name;
        int num;
};
int main()
{
    struct node s1={"Harry",1331};
    struct node s2=s1;
    if(s1==s2)
        printf("Same");
    else
        printf("Diff");
}
5)
int main()
{
    char s1[]="Hello";
    char s2[]="Hello";
    if(s1==s2)
        printf("Same");
    else
```

```c
        printf("Diff");
}
```

6)

```c
int main()
{
    int j=5;
    printf("%d",(*&j)++);
}
```

7)

```c
int main()
{
    int x=0x5678;
    int y=0x1234;
    x=x|y;
    y=y&0x1234;
    printf("%x",y);
}
```

8)

```c
struct struc
{
    int a:1;
    int b:3;
    int c:6;
    int d:3;
}s1;
struct stru
{
```

```c
    char a:3;
}s2;
int main()
{
    printf("%d %d",sizeof(s1),sizeof(s2));
    getchar();
}
```

9)

```c
void fun(int const *ptr)
{
    *((int *)ptr)=20;
}
int main()
{
    int const j=10;
    fun(&j);
    printf("%d",j);
    getchar();
}
```

10)

```c
int main()
{
    char s1[]="Hello";
    char s2[]="World";
    printf("%s",strcpy(s1,s2));
    getchar();
}
```

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11)

```c
int main()
{
    static int i=5;
    if(--i)
        main();
    printf("%d",i);


        getchar();
}
```

Something similar which actually prints 54321

12)

```c
struct node
{
    int a;
    struct node n1;
};
int main()
{
    struct node s1;
    printf("%d",s1.a);
}
```

13)

```c
int main()
{
    int mat[5][5];
    int i,j,*p;
    p=mat;
```

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```
for(i=0;i<5;i++)

for(j=0;j<5;j++)

mat[i][j]=i+j;

printf("%d",sizeof(mat));

i=4;j=5;

printf(" %d",*(p+i+j));
```

Directions: Please read the passage and answer the questions following:

In Japan, companies generally expect their employees to put in long hours of overtime. But it is difficult for women, who also have household chores to do and children to take care of, to work at the same pace as men, who are not burdened with such responsibilities. Many women inevitably opt for part time jobs, which enable them to combine work and domestic duties. At present, 23% of all female salaried workers are parttimers and the ratio has been on the rise in recent years. Part time work places women at a disadvantage. The wages of part-time workers are considerably lower than those of full time employees, and part-time work tends to involve menial labour. Moreover, because salary and promotion in Japanese companies are often based on seniority, it is extremely difficult for women either re-entering the labour force or switching from part-time to full time work to climb the ladder.

1) Japanese men do not share house chroes and childcare with their wives.

a) The statement is definitely true, or would be a reasonable conclusion to draw from the passage.

b) Statement is definitely untrue, or would not be a reasonable conclusion to draw

c) I have insufficient information to answer either of the above with any certainty

2) A quarter of all part time workers in Japan are female.

a) Statement is definitely true or would be a reasonable conclusion

b) Statement is definitely unture or would not be a reasonable conclusion to draw

c) I have insufficient information to answer either of the above with any certainy.

3) Part time is definitely true or would be a reasonable conclusion to draw

a) Statement is definitely true or would be a reasonable conclusion

b) statement is definitely untrue or would be a reasonable conclusion to draw

c) I have insufficient information to answer either of the above with any certainty

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4) Women in Japan to workovertime

a) Statement is definitely true or would be a reasonable conclusion.

b) Statement is definitely untrue or wouldn't be a reasonable conclusion.

c) I have insufficient information to answer either of the above with any certainty.

Directions: Three men(Tom, peter and Jack) and three women (Eliza, Anne and karen) are spending a few months at a hillside. They are to stay in a row of nine cottage, each one living in his/her own cottage. There are no others staying in the same row of houses.

1) Anne, Tom and Jack do not want to stay in any cottage, which is at the end of the row.

2) Elize and Anne are unwillings to stay besides any occupied cottage.

3) Karen is next to peter and Jack.

4) The house occupied by Tom.

5) None of the girls occupy

6) Between Anne and Jack cottage there is just.

5) Which of the above statements can be said to have been derived from two other statement?

a) Statemt1

b) Statemt2

c) Statemt3

d) Statemt4

e) Statemt5

6) How many of them occupy cottages next to a vacant cottage.

a) 2   b) 3   c) 4   d) 5   e) 6

7) Which among these statements are true.

i) Anne is between Eliza and Jack.

ii) At the most four persons can have occupied cottages on either side of them.

iii) Tom stays besides Peter.

a) i only

b) ii only

c) i and iii only

d) ii and iii only

e) i,ii and iii

Directions: A particular seafood restarurant serves dinner Tuesday through Sunday. The restaurant is closed on Monday. Five entrees snapper. halibut,lobster, mahi mahi, and tuna are

served each week according to the following restrictions:

Halibut is servedon three days each week.But never firday.

Lobster is served on one day each week.

Mahi is served on three days each week. But never on consecutive days.

Halibut and snapper are both served on Saturday.

Tuna is served five days each week.

No more three different entrees is served.

8) On which of the following pairs of days could the restaurant menu of entree be identical?

a) Friday and Sunday

b) Tuesday and Wednesday

c) Saturday and Sunday

d) Wednesday and Friday

e) Thrusday and Friday

9) Which of the following is a complete and accurate list of the days on which halibut and lobster may both be served.

a) Tuesday,Thursday

b) Tuesday,Wednesday,Thursday

c) Monday,Tuesday, Wednesday

d) Tuesday, Wednesday,Thursday and Friday

10) If mahi mahi is served on Saturday it could be true that

a) Snapper and mahi mahi are both served on sunday

b) Snapper and halibut are both served on Tuesday

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c) Lobster and halibut are both served on Thursday

d) Tuna, Snapper are both served on Saturday

e) Lobster and snapper are both served on Friday

And, 5 questions are given, for Brain teaser.

11) Test on three subjects Physics, Chemistry & Biology are to be conducted simultaneously the number of candidates for the tests are 68, 36 and 72 respectively. Candidates are to be seated in different rooms such that each room will have candidates of the same subject and the load on each invigilator be the same i.e. the number of candidates in each room should be the same what is the minimum number of rooms you need for the purpose.

a) 22 b) 30 c) 44) d) None of these

12) Three oranges, six bananas and eight apples cost Rs.30. Seven oranges, four bananas and two apples cost 20. I bought five oranges, five bananas and five apples. How much did i pay.

a) 25 b) 30 c) 35 d) Cann't be determined

13) The product of all integres from 1 to 100 will have the following numbers of zero at the end.

a) 20 b) 21 c) 24 d) 25

14) What is the highest power of 25 that divides the product of the first 100 multiples of 5.

a) 74 b) 100 c) 62 d) Cann't be determined

15) A five digit number is formed using digit 1,3,5,7 and 9 without repeating any are of these. What is the sum of all such possible numbers.

a) 666600 b)66660 c)666666 d) None of these