

## COMPUTER APPLICATION HALF YEARLY EXAM ANSWER KEY DECEMBER 2022

### ANY 5 FROM 1 TO 6 (1 MARK EACH)

- 1.do .. while
- 2.9
- 3.Formal variable
- 4.80
- 5.var
- 6.Joomla

### ANY 9 FROM 7 TO 17 (2 MARKS)

- 7.: implicate,explicite  
Eg:  $5/2 = 2$ ,  $5/2.0 = 2.5$   
(float)  $5/2 = 2.5$  or any example
- 8.break- to transfer/terminate from current block  
Continue-skipping part in a loop and continue with next iteration
- 9.int NUM[6]={15,20,25,30,35}
10. a.40  
b.20
- 11.a.Modular Programming –breaking large programs into smaller modules
11. b.Advantages(Reduce file size,Reduce complexity,Reusability,less errors)
- 12.bgcolor, text, background, alink, vlink, link (any 4)
13. <img> Tag ,Attribute src
- 14.text ,password, radio, checkbox, button (any 4)
- 15.language  
document
16. a.Content Management system  
(Online software with templates to design a webpage)
- a. Joomla,WordPress,Drupal(any 1)
- 17.a.Degree -No of columns/attributes  
b.Range of values in a column( from which actual value appears)

### ANY 9 FROM 18 TO 28 (3 MARKS)

#### 18. **Switch**

Only equality conditions are checked.

- Program control goes outside the block only if break is used after each case.
- default taken if all the conditions fail.

#### **if else if**

- Any relational expression can be used for conditions.
- No need of break to take the control outside after executing a block.
- else is used for an action where all the conditions fail.

19.Good( because cin cannot accept white space)  
gets

20.Call by value/ ordinary variable no change in actual variable separate memory	Call by reference reference variable change in actual variable same memory
---	---

21.a. Client side script (any 2 points each) script at client execution in browser to validate data at client can block browser type affect eg. Javascript	Server side script script at server execution in server to use database user cannot block doesn' t affect PHP
---	---

b.Javascript Vbscript

22.Container Tags: <FONT>, <H1>, <B>, <MARQUEE>  
Empty Tags: <HR>, <IMG>

23.a.Ordered,Unordered, Definition list (1 ½)

b.OL, UL, DL (1 ½)

24.a. Table Attributes ; border bordercolor align, bgcolor, background, cellspacing, cellpadding, width, height (Any 2) 1 Mark

b.<Table border=1>

<TR>

<TH>Batch</TH><Th>Boys</TH><TH>Girls</TH>

</TR>

<TR><TD>Science</TD><TD>25</TD><TD>30</TD></TR>

<TR><TD>Commerce</TD><TD>28</TD><TD>32</TD></TR>

R>

</Table>

2 Marks

25.Number : 75,67.4

String : "Computer", "true", "123"

Boolean : false

26.a. charAt()

b.isNaN()

c.toUpperCase()

27.: VPS,Dedicated (or any web hosting method)

.Its Features

28.Physical ,Logical,View Abstraction with explanation

### ANY 2 FROM 29 TO 31 (5 MARKS)

29.a. initialization ,Test Condition ,Update Statement,  
Body of Loop/Statements (2 Marks)

b. initialization i=2

Test Condition i<=5

Update i=i+2

Body of Loop/Statements sum=sum+i

(2Marks)

c.9 (1 Mark)

30.a. 5 b.9 c.0 d.1(Any +ve No) e.8

31. a. Internal link= link to another part of same  
document/webpage

External link to another page/website/external file

b.<A>/ Anchor Tag

c.<a href=www.dhsekerala.gov.in>dhse</a>