

Khyber PakhtunKhwa Board of Technical Education Peshawar

Diploma in Information Technology

(1st Semester)

1st Term Examination 2015

Paper: - Computer Programming C / C++

Time Allowed: - 03 Hours.

Max. Marks: - 50

Note: - Attempt any five questions by selecting at least 02 questions from each part. All questions carry equal marks. Mobile Phone & Programmable calculators are not allowed.

Part - A

Q.1:- Differentiate any five pairs from given.

- i) Signed and Unsigned Integer
- ii) Strlwr () and Strupr ()
- iii) Break and Continue Statement
- iv) Prefix and Postfix Operator
- v) Declaration time value assignment and run time value assignment
- vi) C and C++

Q.2:- Write short notes on any two from the following with example.

- i) For Loop
- ii) Preprocessor Directive
- iii) Arithmetic functions

Q.3: - Write body structure for any five from the given.

- i) Nested If-else statement
- ii) While Loop
- iii) Goto statement
- iv) Declaration of User defined function
- v) Printf
- vi) C/C++ program structure

Q.4:- Write output for any four from given logics.

- i)

```
int a=5, b=10;
Printf ("b%a = %d\n", b%a);
```
- ii)

```
int n = 10
char = '*';
printf ("%d",n);
Printf ("%c", ch);
```
- iii)

```
int i,j;
for (i=1; i<5; i++)
{
  For (j=1; j<=I; j++)
  Printf ("*");
  Printf ("\n")
}
```
- iv)

```
Printf ("%f", ceil (9.9));
```
- v)

```
Printf ("%f", pow (5,2));
```

Part - B

Q.5:- Write program that take a number from user and shows whether it is odd or even using If-else statement.

Q.6: - Elaborate while and do while loop in detail with one example.

Q.7: - Elaborate user defined words and reserve words with examples.

Q.8: - Elaborate Input and Output statements, also write down two functions of each statement.

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Paper: - Operating System

Time Allowed: - 03 Hours.

Max. Marks: - 50

Note: - Attempt any five questions. At least two questions from each part. All Questions carry equal marks. Mobile Phone & Programmable calculators are not allowed.

(Part - I)

- Q.1:- Explain the main function of an Operating System in detail.
- Q.2:- Discuss the important features of Window 7.
- Q.3:- Write note on disk partitioning and volume setting in Window 7.
- Q.4:- a) Write the steps to install sound card in Window 7.
b) Explain the text Base and GUI Operating System.

(Part - II)

- Q.5:- Discuss Windows Server 2008 in detail.
- Q.6:- Write note on group policy.
- Q.7:- Write note on file system of Linux.
- Q.8:- Write note on following Linux Commands.
i) Cat
ii) Head
iii) Tail

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1st Term Examination 2015

Paper: - Information & Communication Technology (ICT)

Time Allowed: - 03 Hours.

Max. Marks: - 100

Note: - Attempt any five questions. All questions carry equal marks. Mobile Phone & Programmable calculators are not allowed.

Q.1: ✓ Define Information Technology. Explain with different elements.

Q.2:- Define Memory. Discuss primary memory in detail.

Q.3:- Discuss types of computer in detail.

Q.4: ✓ What is computer language? Explain types of computer language in detail.

Q.5:- ✓ Convert the given numbers system to its required number system.

✓ i) $(111)_2 = (?)_{10}$

✓ ii) $(10)_{10} = (?)_8$

iii) $(5.5)_8 = (?)_2$

iv) $(AF)_{16} = (?)_{10}$

Q.6: ✓ Converts the given numbers system to its required number system.

i) $(16.5)_8 = (?)_{10}$

ii) $(54)_{10} = (?)_2$

iii) $(110.1)_2 = (?)_{10}$

iv) $(24)_{16} = (?)_8$

Q.7: ✓ Explain the following in detail.

i) Networks

ii) Anti virus

Q.8:- ✓ Discuss the following.

i) Translator Software

ii) Input devices

Khyber PakhtunKhwa Board of Technical Education Peshawar

Diploma in Information Technology

(2nd Semester)

Ist Term Examination 2015

Paper: - Ms-Access

Time Allowed: - 03 Hours.

Max. Marks: - 50

Note: - Attempt any five questions. All questions carry equal marks. Mobile Phone & Programmable Calculators are not allowed.

Q.1: - ✓ Define Ms-Access. Explain the environment of Ms-Access briefly.

Q.2:- ✓ Discuss different Data Types available in Ms-Access.

Q.3:- ✓ Write down the method of creating Table by design view.

Q.4:- ✓ Define the following

- i) Entity
- ii) Attribute
- iii) Primary Key
- iv) Record

Q.5:- Define and explain Data Base Security.

Q.6:- ✓ What is Query. Write method of making Select Query in design view.

Q.7: ✓ Define relationship. Explain different types of Relationship.

Q.8:- Define Form. Write down the method of creating Form Wizard.

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Khyber Pakhtunkhwa Board of Technical Education Peshawar

Diploma in Information Technology

(2nd Semester)

1st Term Examination 2015

Paper: - Graphic Design

Time Allowed: - 03 Hours.

Max. Marks: - 100

Note: - Attempt any five questions by selecting at least one question from each section. All Questions carry equal marks. Mobile Phone & Programmable calculators are not allowed.

Section - A

Q.1: ✓

Define in Photo Photo
Define Tools in Preset in Photoshop. How will you create and view a tools preset and change the list of presets in Tools Preset.

Q.2:-

What do you mean by Hue and Saturation in Photoshop? How do you adjust the Hue and the Saturation?

Q.3: ✓

What is Adobe color Picker? Write procedure to display Color Picker in Photoshop.

Section - B

Q.4: ✓

What is Docker in Corel Draw? Define Shaping Dockers, transformation, weld and trim.

Answer Q.5: ✓

What is color Palette? How will you use the color Palette in Corel Draw.

Q.6:-

Write the procedure of the following in the Corel Draw. } →

- i) Starting a new drawing ✓
- ii) Corel Draw page setting ✓
- iii) Selecting paper size ✓
- iv) Resizing an object ✓
- v) Rotating an object ✓

Section - C

Q.7: ✓

How will you generate Inpage Files for internet? →

Q.8: ✓

→ Define the following procedures in the Inpage.

- i) Entering Urdu Text →
- ii) choosing Urdu Font ✓
- iii) Title Text box →
- iv) Text Box ✓

Rotating

Rotating

Font in Urdu

Handwritten signature

Khyber PakhtunKhwa Board of Technical Education Peshawar

Diploma in Information Technology

(1st Semester)

1st Term Examination 2015

Paper: - Office Automation (Ms-Word/Excel/PowerPoint)

Time Allowed: - 02 Hrs & 40 minutes

Marks: - 40

Note: - Attempt any four questions. All questions carry equal (10) marks

Section - B

- Q.2:- What is Page Setup? Why it is important? Elaborate its components / options.
- Q.3:- What is the difference between thumbnail and document Map. When these can be useful for an user?
- Q.4:- What is view? Explain Excel views in detail.
- Q.5:- What is function? Write the syntax and purpose of the following sheet functions.
i) SUM ()
ii) COUNT ()
iii) MAX ()
iv) AVERAGE ()
- Q.6:- What is Presentation? Write steps to insert a slide. Write names of slide views.
- Q.7:- Write short notes on any two of the following.
a) Master Slide
b) Header and footer
c) Slide from files

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(1st Semester)

1st Term Examination 2015

Paper: - Office Automation (Ms-Word/Excel/PowerPoint)

Marks: - 40

Time Allowed: - 02 Hrs & 40 minutes

Note: - Attempt any four questions. All questions carry equal (10) marks

Section - B

- Q.2:- What is Page Setup? Why it is important? Elaborate its components / options.
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