SuperNovaSchool®
LEARN TO BE DISTINCT

GRADE 7 – REVISION WORKSHEET

Pre Mid Term Examination 2026–27

Q1. Choose the correct answer.

a) Which component lets a laptop connect to a wireless network?
A. Router B. DNS C. Cipher D. Base station

b) Which one from the following systems divides a region into cells?
A. Bluetooth B. Cellular network C. Ethernet D. LAN cable

c) Which logical operator needs both conditions to be TRUE in order to be TRUE?
A. OR B. NOT C. AND D. !=

d) Which one of the following is a valid Python variable name?
A. 2marks B. total_marks C. print D. my name

WORD BANK
Ethernet
DNS
print()
encryption
bluetooth
float()
WAP
crosstalk
Input()

Q2. Fill in the blanks using the word bank.

a) A wired network connection commonly uses _____.

b) A website name is translated to an IP address by _____.

c) The Python function _____ displays output.

d) Changing readable data into secret code is called _____.

Q3. Write True or False.

a) 5 GHz Wi-Fi is generally faster but has a shorter range than 2.4 GHz. _____

b) Python input() returns text unless it is converted to some other type by type casting _____

c) A syntax error always gives a correct program output. _____

Q4. Answer briefly.

a) Give two reasons why errors may occur when data is transmitted.

b) Explain one difference between encryption and decryption.

c) Why do people use domain names instead of memorising IP addresses?

Q5. Apply and debug.

a) Evaluate this logical expression and tell whether the answer is TRUE or FALSe: **(8 > 3 AND 2 > 5) and NOT (4 == 7).**

b) Correct this code and also state what type of error from the two kinds we have studied is occurring in this statement

PRINT("Welcome")

d) Write a Python statement that takes input from the user and stores it in a variable named **height,** as a **decimal/floating point number**.

Q6. Put the DNS steps in the correct order.

A. DNS returns the IP address. B. Browser requests DNS lookup. C. User types a URL. D. Browser contacts the server.

Correct order: _____ → _____ → _____ → _____

Q7: What is Selection in flowcharts. Give an example by drawing a sample selection symbol and showing what possible flow lines may come out of it.