
COMPUTER STUDIES

Paper 2

(PRACTICAL)

(Reading Time: 15 minutes)

(Examination Session: Three hours)

(Maximum Marks: 100)

INSTRUCTIONS

1. This paper consists of **TWO** sections: section A and section B. Section A is on HTML. Section B covers both HTML and JavaScript.
2. Section A is compulsory. Section B contains **TWO** questions from which you are required to attempt only **ONE**.
3. All your work should be saved in a folder named with your actual index number  012071090123 on the Desktop. For example, like  this folder is named with the index number 012071090123. Your name or school name **CANNOT** be used as folder name or file names.
4. You are allowed to use ONLY **Notepad** for this practical. Use of any other HTML editors will result in cancellation of your work.
5. The intended marks for questions or parts of questions are given in brackets [].
6. Make sure that your folder is handed over to the visiting examiner at the end of the examination.

SECTION A

(Compulsory)

Question 1.

[50 marks]

A. Create a HTML document titled “Hope clinic” and save it as home.html or home.htm and should be similar to the screenshot 1. [4]

Screenshot 1

The screenshot shows a web page for 'Hope Clinic'. The header features a red cross logo and the text 'Hope Clinic'. The main title is 'Hope Clinic' with a subtitle 'For all your medical needs-24 X 7'. Below the title is the location 'Thimphu : Bhutan'. A banner at the top right says 'CT-Scan and CAT Scan are now Available!'. The navigation menu includes 'Home', 'Staff', 'Services', 'Appointment', 'Announcement', and 'Report'. The 'About Us' section contains a paragraph about the clinic's mission and a small image of a microscope. The 'Services' section lists various medical services. The right sidebar is an advertisement for 'Karma Motors: Sale!' featuring 'Free basic medical check up for' senior citizens and school children. The bottom of the page has an email address and a post box number.

Hope Clinic *For all your medical needs-24 X 7*

Thimphu : Bhutan

CT-Scan and CAT Scan are now Available!

[Home](#) [Staff](#) [Services](#) [Appointment](#) [Announcement](#) [Report](#)

[About Us](#)

Our clinic was started to address growing demands of faster and better medical services for busy and conscious citizens of Thimphu.

 Services we provide besides general diagnosis:

- X-ray
- Blood Test
- Endoscope
- Ultrasound
- Electrolytes
- CT and CAT Scan
- Liver Function Test
- Renal Function Test

[Advertisement](#)

Free basic medical check up for:

- Senior Citizens
- School Children

Karma Motors: Sale!

All types of Used Cars!

[Top](#)

email Us @ hopeClinic@drukenet.bt
Post Box # 129

- i. This document should contain header with company's name and logo. [5]
- ii. In the footer, using address tag, insert address and email link to "***hopeClinic@druknet.bt***" of the company. [5]
- iii. Use an image attribute to display the message 'Hope Clinic' when moves over the image in the body. [3]
- iv. Create a marquee to the text - "***CT-Scan and Cat Scan are Available Now!***" advertising the new equipments available and place it as shown in the screenshot 1. [4]
- v. Body contains descriptions, advertisement and pictures of the company. Use necessary tags and its attributes to reproduce a similar output. [20]

B.

- i. Create links using the addresses explained below: [5]
 - **Home**-**home.html**
 - **Staff**- **staff.html**
 - **Services** – **service.html**
 - **Appointment** – **appointment.html**
 - **Announcement** –**announcement.html**
 - **Report** – **report.html**
- ii. Create a link from the bottom of the page to top of the page using the word "***Top***" as shown in the screenshot 1. [4]

SECTION B

(Answer only ONE question from this section)

Question 2

[50 marks]

A. Create another web page titled “*Patient Report-Official Use*”. It should be saved as report.html or report.htm. [1]

B. Use appropriate tags and attributes to display a similar form and outputs as shown in screenshot 2. [15]

Screenshot 2

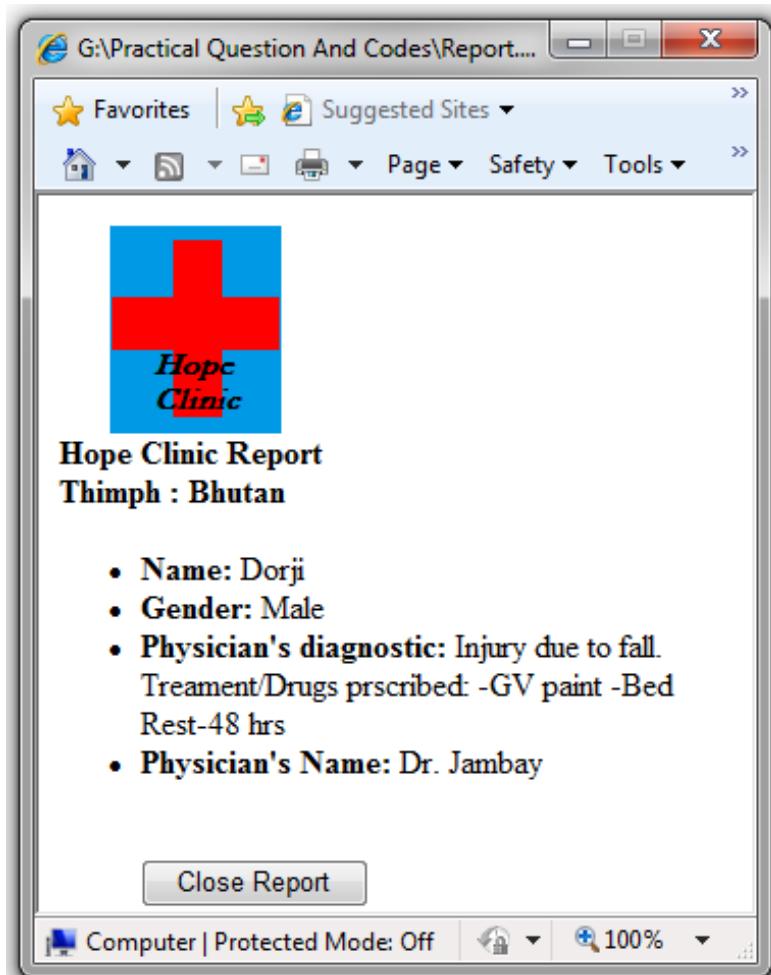


The screenshot shows a web page for 'Hope Clinic' in Thimphu, Bhutan. The page has a blue header with a red cross logo and the text 'Hope Clinic'. Below the header is a yellow navigation bar with links: Home, Staff, Services, Appointment, Announcement, Report. The main content area has a pink background. It displays a 'Diagnostics Report' title and a sub-instruction 'Hospital staff/Official Use only'. There are input fields for 'Name' (with placeholder 'person who fills the form *') and 'Contact No.' (with placeholder 'Mobile No. *'). Below these are fields for 'Name of the Patient' and 'Gender' (with radio buttons for Male and Female). An 'Age Group' dropdown is set to '1 to 18 years *'. A 'Physician's Name' input field is also present. A sidebar on the left shows options '1 to 18 years' and 'Above 18'. A large text area is available for the physician's report. At the bottom are buttons for 'View Report', 'Submit', and 'Reset'. The footer is brown and contains contact information: 'email Us @ drukClinic@drukenet.bt' and 'Post Box # 129'.

C. Create a JavaScript function “*checkForm()*” to check if “**Patient’s Name**” and “**Physician’s Name**” fields are input, if left blank, pass a message “**Patient’s name and Physician’s Name are Must**”. [5]

D. Write a JavaScript function “*display()*” to display the summary of patient details in a new window as shown in screenshot 3. New window should also include company’s logo and Close Report button which closes the new window. Call the function “*checkForm()*” to check if required fields are filled. [21]

Screenshot 3



E. Create two working navigation links, one to home page and the other to Appointment Registration Form Page. [2]

F. Provide an email link to *hopeClinic@druknet.bt* with the address and post box numbers in the footer. [2]

G. Submit the form only if Patient’s Name and Contact No. is filled. [2]

H. The Reset button should clear all the entries. [2]

QUESTION 3**[50 marks]**

A. Create another web page titled “Patient Appointment Form” and save as appointment.html or appointment.htm.

[1]**Screenshot 4**

Hope Clinic For all your medical needs-24 x 7
Thimphu : Bhutan

[Home](#) [Staff](#) [Services](#) [Appointment](#) [Announcement](#) [Report](#)

Appointment Registration Form

Name: * Contact No. *

Name of the Patient: Gender: Male Female

Age Group: * Previous Visits: Yes No *

Describe briefly about the current medical condition and medical history of the patient if pertinent:

1 to 18 years
Above 18

Appointment Fee
Submit **Reset**

You will be contacted regarding your appointment in 24 hrs.

email Us @ drukClinic@drukenet.bt
Post Box # 129

B. Use appropriate tags and attributes to display a similar form and outputs as shown in screenshot 4. [15]

C. Write a JavaScript function “*formCheck()*” to check if Name and Contact No. fields are input, if left blank, pass a message “***Patient name and Contact No. are Must***”. [3]

D. Write a JavaScript function “*visitCheck()*” to check if *previous visits* is checked, if both the options are not checked, pass a message “***Either Select Yes/No***” and if both **Yes and No** are checked, function should pass a message “***Only select one option (Yes or No)***”. Function should **return** the value of visit *i.e. Yes or No* [10]

E. Write a JavaScript function “*cost()*” to calculate the cost of appointment. Function “*cost()*” should use the function “*visitCheck()*” to check if “**Age Group**” and “**Previous visits**” fields are filled and then calculate the cost. If both **Yes** and **No** are checked, function should not calculate the cost. [13]

Hint:

Age Group	Previous Visits	Appointment Cost
1 to 18	Yes	Nu 100
	No	Nu 150
Above 18	Yes	Nu 200
	No	Nu 250

F. Provide an email link to ***hopeClinic@druknet.bt*** with the address and post box numbers in the footer. [2]

G. Create two working navigation links, one to home page and one to Diagnostic Report page. [2]

H. Submit the form only if Patient and Physician’s names are filled. [2]

I. The Reset button should clear all the entries. [2]

