COLLEGE OF BUSINESS, PEACE, LEADERSHIP AND GOVERNANCE

NCIS111 INTRODUCTION TO WEB APPLICATION DEVELOPMENT

END OF FIRST SEMESTER EXAMINATIONS

AUGUST/DECEMBER 2018

LECTURER: MR MAGWAGWA

DURATION: 3 HRS

INSTRUCTIONS

You are required to answer questions as instructed in each section

Start **each** question on a new page in your answer booklet

Answer all questions in **Section A**

Answer any Two (2) questions from **Section B**

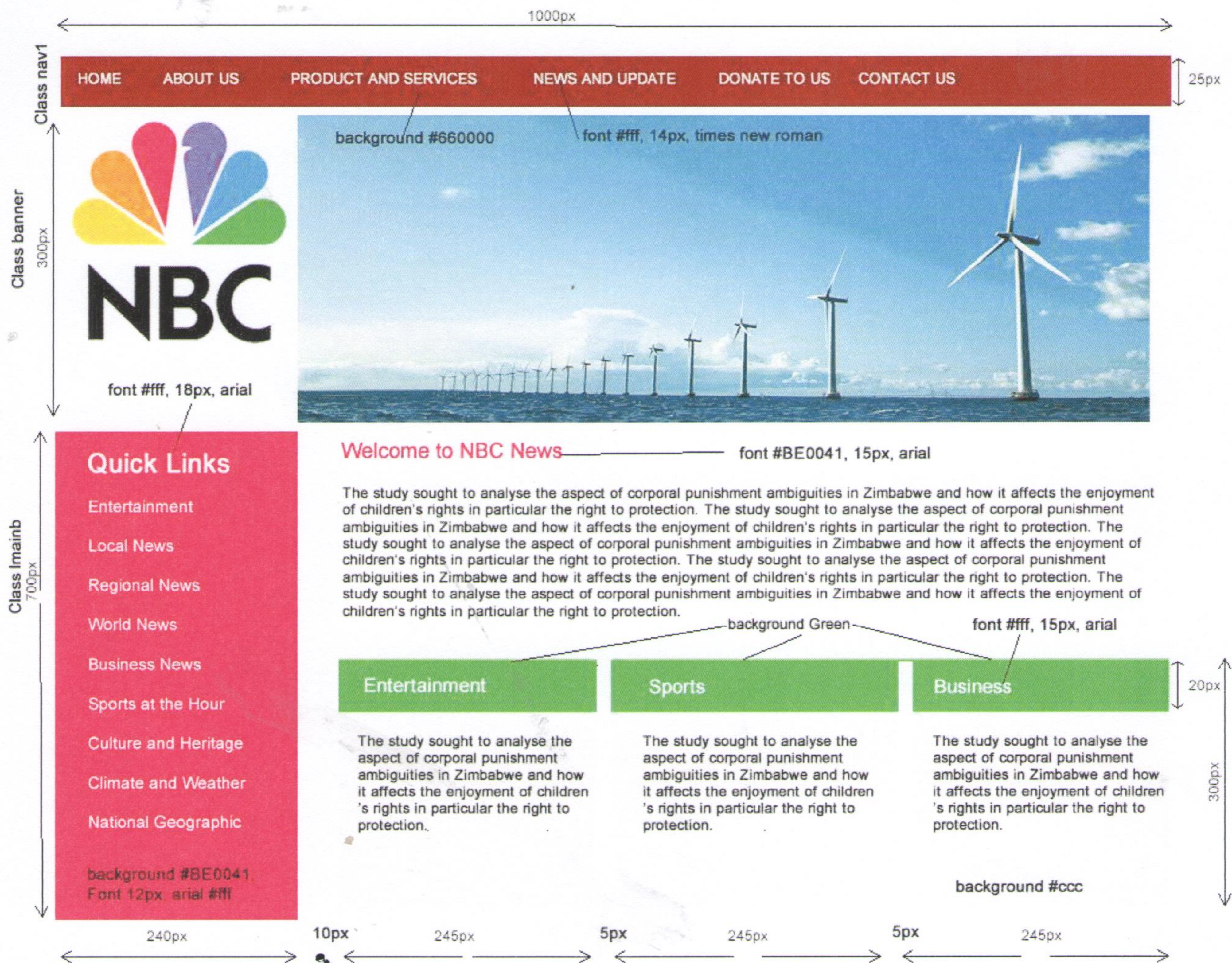Credit will be awarded for logical, systematic and neat presentations

SECTION A

Question 1
Produce the HTML and CSS code for the website extract. Use a separate CSS to the index file and the name of the CSS is mystyle.css. Use the width and height dimensions indicated at the edge of the image.

1000px

Class nav1

25px

HOME   ABOUT US   PRODUCT AND SERVICES   NEWS AND UPDATE   DONATE TO US   CONTACT US

Class banner
300px

background #660000   font #fff, 14px, times new roman

NBC

font #fff, 18px, arial

Class lmainb
700px

Quick Links

Entertainment

Local News

Regional News

World News

Business News

Sports at the Hour

Culture and Heritage

Climate and Weather

National Geographic

background #BE0041
Font 12px, arial #fff

Welcome to NBC News   font #BE0041, 15px, arial

The study sought to analyse the aspect of corporal punishment ambiguities in Zimbabwe and how it affects the enjoyment of children's rights in particular the right to protection. The study sought to analyse the aspect of corporal punishment ambiguities in Zimbabwe and how it affects the enjoyment of children's rights in particular the right to protection. The study sought to analyse the aspect of corporal punishment ambiguities in Zimbabwe and how it affects the enjoyment of children's rights in particular the right to protection. The study sought to analyse the aspect of corporal punishment ambiguities in Zimbabwe and how it affects the enjoyment of children's rights in particular the right to protection. The study sought to analyse the aspect of corporal punishment ambiguities in Zimbabwe and how it affects the enjoyment of children's rights in particular the right to protection.

background Green   font #fff, 15px, arial

Entertainment   **Sports**   **Business**   20px

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300px

background #ccc

240px   10px   245px   5px   245px   5px   245px

Additional Information

Home- index.html, **About Us** – about.html, **Product and Services** – product.html, **Donate to us** – donate.html, **Contact us** – contact.html

Entertainment- entertainment.html, **Local News**- local.html, **Regional News**- regional.html, **World News** – world.html, **Business News** – business.html, **Sports at the hour** – sports.html, **Culture and Heritage** – culture.html, **Climate and Weather** – climate.html and **National Geographic** – national.html

Body text font #000, 12px Tahoma;   Menu padding top and bottom 5px;   Padding left and right 15px

[40 Marks]

Question 2

        a)   What does the abbreviation CSS stand for?   **[1 Mark]**

        b)   Discuss the three ways a CSS can be implemented and their priorities levels **[9 Mark]**

SECTION B

Question 3

A commercial company in Zimbabwe called Afripot Entertainment has recruited you as a web development consultant. Afripot wants sell its products online and the website should be able to do this. They have already register a domain afripot.org and they have also hired a webmaster.

a) State the reason why afripot.org is a bad domain to register for the company. Suggest 2 domains you would recommend.   **[5 Marks]**

b) Discuss the functions of a domain you know   **[4 Marks]**

c) What type of website would you recommend and why? (Clearly show the advantage of your choice over the other type of website)   **[10 Marks]**

d) Mr Magwagwa is trying to access a http://afripot.org from his office computer. Please explain the concept associated with request and response.   **[6 Marks]**

Question 4

a) Discuss the difference between GET and POST (Clear show how they work)   **[6 Marks]**

b) List any three reason why you create a website   **[3 Marks]**

c) Discuss the two types of internet and give 2 advantages and disadvantages for each **[10 Marks]**

d) Identify the data about the device that is used by a web server when a request is done by a user on their computer   **[6 Marks]**

Question 5

a) Discuss in full the DNS resolution process from the initial request till website is produced on user browser   **[15 Marks]**

b) State and explain the levels of a domain   **[5 Marks]**

c) Explain what the following tags and attribute for a form are used for:

      i) method   ii) action   iii) <label>   iv) <fieldset>   **[5 Marks]**