**Examination Answer Book**

**UNIVERSITY EXAMS**

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| REGISTRATION NUMBER | | | | | | | | | VU-BSF-2407-0218-DAY | | | | | | |
| Title of The Program (eg BBA, BSC, BPH, BSWA) | | | | | | | | | | | | | BSF | | |
| Bachelor of Science in Software Engineering | | | | | | | | | | | | | | | |
| Department | | | | Other Depts in Faculty of Science and Technology | | | | | | | | | | | |
| Faculty | Faculty of Science and Technology | | | | | | | | | | | | | | |
| Year Of study (YrI , YrII, YrIII, or YrIV) | | | | | | | | | | | 1 | | | | |
| Module Code and Name | | | | | | | 1302 ST | | | | | | | | |
| Internet Technology and Web Design | | | | | | | | | | | | | | | |
| Semester | | | 3 | | | | | | | | | | | | |
| (Copy from the heading to the Examination Paper) | | | | | | | | | | | | | | | |
| Retake: | | Yes | | |  | | | No | |  | | (Tick whichever is applicable) | | | |
| Date of examination | | | | | | Sat May 31 2025 15:00:00 GMT+0300 (East Africa Time) | | | | | | | | | |
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| **DIRECTIONS TO CANDIDATES (Turn to page ii for more instructions).** | | | | | | | | | | | | | **FOR USE BY EXAMINERS ONLY** | | |
| **Question Number** | **Internal Examiner** | **External Examiner** |
| 1. Leave margin blank. 2. Begin each answer on a fresh page. 3. Write the number of each question and theCandidate's Number at the top of each page. 4. Write the numbers of the questionswhich you have attempted, with subsections where necessary, in the spacesprovided below | | | | | | | | | | | | |
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| **NUMBER OF QUESTIONS** you have answered in the order in which you have written them | | | | | | | | |
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**How and where should I submit my examination script?**

Every student will be required to attend their examination via [VClass Students Portal](https://vclass.ac/) E.g. you go to [www.vclass.ac](http://www.vclass.ac) and login, to your account, then on the left sidebar menu **click on Examinations**.

Under examinations you will see the following: -

1. Instructions for that particular examination with time required to finish your examination as per instructions,
2. A student will be required to download the question paper and the answer sheet provided by the university within the same module examination, or a student can be required to attempt structured questions within the system depending on how the examination was set.
3. Submission of answered questions is done,
4. Student is required to click to **consent** to show that the answered exam belongs to them.
5. **Note** that if an examination is for download, a student will be required to download the question paper and answer sheet, write their examination within the given stipulated time.
6. Required to scan and upload back the answered booklet through the same portal as per format available.
7. Examinations uploaded will directly be received by the Registry department.
8. Students here are required to use [VClass e-Learning system](https://vclass.ac)for all examinations and for any failure they can contact the Registry department for guidance.
9. No late submission will be accepted.

**Avoid any examination malpractice because this will attract severe penalties such as invalidating the exams answered script whose consequences will attract retakes.**

**Answers to question (1b)**

1**. Define the Website's Purpose and Goals**

Set smart and specific goaIs the website primarily for attracting new students, sharing school news, facilitating communication with parents, or showcasing achievements?

The website must reflect the school’s ethos, brand, and educational philosophy.

**2. Requirements Gathering,** in order to Identify target audiences, it could be Prospective and current students, Parents/guardians, Teachers and staff, Alumni, Donors or partners

Interviews, surveys, or focus groups with stakeholders to determine their needs, expectations, and frustrations with the current communication.

**3. Content Strategy Planning**

Define content types. Announcements, newsletters, blogs, academic calendars, photo galleries, etc.

Multi-language support. If the school serves a multilingual community, consider translating key content.

**4. Information Architecture & Sitemap Design**

Define the site’s structure, grouping pages into logical sections like; About Us, Academics, Admissions, News & Event, Parent/Student Portals

Design the structure to accommodate future growth or additional features.

**5. UX Design**

Focus on layout and user journey before visual design.

Get feedback early from real users on navigation flow and usability.

**6. Technology Stack and CMS Selection**

WordPress, Drupal, or custom-built, depending on your budget, scalability, and technical expertise.

Ensure the platform supports SSL, secure logins, and complies with data protection laws (especially if collecting student info).

**7. Define Performance and SEO Strategy**

School websites must load quickly even on slow networks.

Plan to use proper tags, metadata, sitemaps, and keywords for visibility in search engines.

**8. Legal and Compliance Considerations**

Ensure compliance with GDPR, COPPA, or local equivalents.

Define rules for what can and cannot be posted (especially for student-related content).

**9. Project Management and Timeline**

Clearly define who is responsible for content creation, approval, technical development, and launch coordination.

Account for domain registration, hosting, software licenses, and potential maintenance costs.

Answers to question (1c)

* 1. A Strategic Communication Tool, the school website is an important place for communication. By investing in the site, Mr. Mayiga is establishing a means for parents, students, the teachers and wider community to access reliable and timely information.
  2. Increases Visibility and Reputation, In the digital age, many of prospective parents or students are looking online before making a decision about a school. A carefully-developed site can give the school both visibility and an image of professionalism, credibility, and organization that:
  3. Used for Marketing and Awareness, the website is a low-cost marketing space when compared to print media
  4. Marketing and Awareness, understanding some of the initial capital for a site can be used for more than a website.
  5. Builds Trust with Stakeholders,parents value transparency and accountability. A good website gives access to