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**ANDIJON VILOYATI XALQ TA’LIMI BOSHQARMASI
SHAHRIXON TUMANI XTB TASARRUFIDAGI
25-UMUMIY O’RTA TA’LIM MAKTABI**

**INFORMATIKA FANI O’QITUVCHISI
SALOHIDDIN G‘OPIROVNING
2018-2019 O’QUV YILIGA 5-11-SINFLARDA
“INFORMATIKA VA AXBOROT TEXNOLOGIYALARI” FANIDAN**

**YILLIK TAQVIM-MAVZU
ISH REJASI**

**“Tasdiqlayman”**

**maktab direktori:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ M.Qosimov

**O’IBDO’:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ X. Xojimatov

**Shahrixon tumani XTB**

**aniq fanlar metodisti: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** T. Isroilov

**Metod birlashma rahbari:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ M. Umaraliyev

**“\_\_\_\_\_\_\_\_” \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2018 yil**

**5-SINF “INFORMATIKA” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 0.5 soatdan, jami 17 soat)**

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| --- | --- | --- | --- | --- | --- | --- |
| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **A** | **B** | **A** | **B** |
| **I chorak** |
| 1-dаrs | Xavfsizlik texnikasi qoidalari va sanitariya-gigiyena talablari  | 1 |  |  |  |  |  |  |
| 2-dаrs | Kompyuter. Kompyuterning asosiy qurilmalari va ularning vazifalari  | 1 |  |  |  |  |  |  |
| 3-dаrs | Kompyuterni boshqarish dasturi | 1 |  |  |  |  |  |  |
| 4-dаrs | Fayl yoki papkani ochish  | 1 |  |  |  |  |  |  |
| 5-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |  |  |
| **II chorak** |
| 6-dаrs | Klaviatura bilan tanishuv | 1 |  |  |  |  |  |  |
| 7- dаrs | Klaviatura trenajorida mashqlar | 1 |  |  |  |  |  |  |
| 8-dаrs | Klaviatura trenajorida mashqlar | 1 |  |  |  |  |  |  |
| 9-dаrs | Kompyuterdagi kalkulyatordan foydalanish  | 1 |  |  |  |  |  |  |
| **III chorak** |
| 10-dаrs | Paint dasturi haqida | 1 |  |  |  |  |  |  |
| 11-dаrs  | Paint uskunalar paneli va undan foydalanish | 1 |  |  |  |  |  |  |
| 12-dаrs | Paintda amallar bajarish | 1 |  |  |  |  |  |  |
| 13-dаrs | Paintda rasmlarni qayta ishlash | 1 |  |  |  |  |  |  |
| 14-dаrs | Paintda amaliy vazifalar bajarish | 1 |  |  |  |  |  |  |
| **IV chorak** |
| 15-dаrs | Kompyuter o‘yinlari haqida | 1 |  |  |  |  |  |  |
| 16-dаrs | Kompyuter o‘yinlari | 1 |  |  |  |  |  |  |
| 17-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |

**6-SINF “INFORMATIKA VA AXBOROT TEXNOLOGIYALARI” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 0.5 soatdan, jami 17 soat)**

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| --- | --- | --- | --- | --- | --- | --- |
| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **A** | **B** | **A** | **B** |
| **I chorak** |
| 1-dаrs | Matn muharrirlari. | 1 |  |  |  |  |  |  |
| 2-dаrs | MS Word matn protsessori interfeysi | 1 |  |  |  |  |  |  |
| 3-dаrs | Hujjat hosil qilish va saqlash | 1 |  |  |  |  |  |  |
| 4-dаrs | Wordda matn yozish qoidalari | 1 |  |  |  |  |  |  |
| 5-dаrs | Hujjatlarning asosiy parametrlari  | 1 |  |  |  |  |  |  |
| **II chorak** |
| 6-dаrs | Hujjatlarni tahrir qilish | 1 |  |  |  |  |  |  |
| 7- dаrs | Hujjatni formatlash | 1 |  |  |  |  |  |  |
| 8-dаrs | Hujjatlarni tahrirlash va formatlashga oid mashqlar | 1 |  |  |  |  |  |  |
| 9-dаrs | Hujjatlarda rasmlar bilan ishlash. | 1 |  |  |  |  |  |  |
| **III chorak** |
| 10-dаrs | Hujjatlarda shakllar va chizmalar | 1 |  |  |  |  |  |  |
| 11-dаrs  | Rasm va chizmalarga oid amaliy dars | 1 |  |  |  |  |  |  |
| 12-dаrs | Hujjatlarda jadvallar bilan ishlash | 1 |  |  |  |  |  |  |
| 13-dаrs | Jadvallar ustida amallar  | 1 |  |  |  |  |  |  |
| 14-dаrs | Word Art obyekti | 1 |  |  |  |  |  |  |
| **IV chorak** |
| 15-dаrs | Word formulalar yozish | 1 |  |  |  |  |  |  |
| 16-dаrs | Word hujjatni chop etish | 1 |  |  |  |  |  |  |
| 17-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |

**7-SINF “INFORMATIKA VA AXBOROT TEXNOLOGIYALARI” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 0.5 soatdan, jami 17 soat)**

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| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **7-A** | **7-B** | **7-D** | **7-A** | **7-B** | **7-D** |
| **I chorak** |
| **I BOB. AXBOROT** |
| 1-dаrs | Axborot tushunchasi va bilish haqida | 1 |  |  |  |  |  |  |  |  |
| 2-dаrs | Axborotlar ustida bajariladigan amallar | 1 |  |  |  |  |  |  |  |  |
| 3-dаrs | Axborotlarni kodlash usullari | 1 |  |  |  |  |  |  |  |  |
| 4-dаrs | Sanoq sistemalari haqida | 1 |  |  |  |  |  |  |  |  |
| 5-dаrs | Ikkilik sanoq sistemasida amallar bajarish | 1 |  |  |  |  |  |  |  |  |
| **II chorak** |
| 6-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |  |  |
| 7- dаrs | Bir sanoq sistemasidagi sonlarni boshqa sanoq sistemasida tasvirlash | 1 |  |  |  |  |  |  |  |  |
| 8-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |  |  |
| 9-dаrs | Axborotlarning kompyuterda tasvirlanishi | 1 |  |  |  |  |  |  |  |  |
| **III chorak** |
| 10-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |  |  |
| **II BOB. INTERNETDA ISHLASH ASOSLARI** |
| 11-dаrs | Axborot texnologiyalari | 1 |  |  |  |  |  |  |  |  |
| 12-dаrs | Axborotli olam muammolari va Internet | 1 |  |  |  |  |  |  |  |  |
| 13-dаrs | Internetda ishlashni ta’minlovchi dasturlar | 1 |  |  |  |  |  |  |  |  |
| 14-dаrs | Internetda ma’lumotlarni izlash | 1 |  |  |  |  |  |  |  |  |
| **IV chorak** |
| 15-dаrs | Elektron pochta | 1 |  |  |  |  |  |  |  |  |
| 16-dаrs | Axborotlarni himoyalash va antiviruslar haqida | 1 |  |  |  |  |  |  |  |  |
| 17-dаrs | Takrorlashga doir topshiriqlar. Nazorat ishi | 1 |  |  |  |  |  |  |  |  |

**8-SINF “INFORMATIKA” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 1 soatdan, jami 34 soat)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **A** | **B** | **A** | **B** |
| **I chorak** |
| **I BOB. ZAMONAVIY KOMPYUTERLAR** |
| 1-dаrs | Hisoblash texnikasining rivojlanish tarixi | 1 |  |  |  |  |  |  |
| 2-dаrs | Kompyuterlar | 1 |  |  |  |  |  |  |
| 3-dаrs | Kompyuter texnikasi vositalari | 1 |  |  |  |  |  |  |
| 4-dаrs | Mantiqiy amallar | 1 |  |  |  |  |  |  |
| 5-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |  |  |
| 6-dаrs | Mantiqiy elementlar | 1 |  |  |  |  |  |  |
| 7-dаrs | **Nazorat ishi** | 1 |  |  |  |  |  |  |
| **II BOB. DASTURIY TA’MINOT** |
| 8-dаrs | Kompyuterlarning dasturiy ta’minoti | 1 |  |  |  |  |  |  |
| 9-dаrs | Interfeys | 1 |  |  |  |  |  |  |
| **II chorak** |
| 10-dаrs | Operatsion sistema tushunchasi | 1 |  |  |  |  |  |  |
| 11-dаrs | Operatsion sistemani tashkil etuvchi dasturlar va qobiq dasturlar | 1 |  |  |  |  |  |  |
| 12-dаrs | Fayllar va kataloglar  | 1 |  |  |  |  |  |  |
| 13-dаrs | Kompyuterning tashqi xotirasi bilan ishlash | 1 |  |  |  |  |  |  |
| 14-dаrs | **Nazorat ishi**  | 1 |  |  |  |  |  |  |
| 15-dаrs | Windows operatsion sistemasi | 1 |  |  |  |  |  |  |
| 16-dаrs | Bosh menyu | 1 |  |  |  |  |  |  |
| **III chorak** |
| 17-dаrs | “Mening kompyuterim” sistema katalogi | 1 |  |  |  |  |  |  |
| 18-dаrs | Windows yo’lboshlovchi | 1 |  |  |  |  |  |  |
| **III BOB. ELEKTRON JADVALLAR** |
| 19-dаrs | Elektron jadvalning vazifalari va imkoniyatlari | 1 |  |  |  |  |  |  |
| 20-dаrs | Elektron jadvalning elementlari | 1 |  |  |  |  |  |  |
| 21-dаrs | MS Excelda matematik amallar va funksiyalarni qo‘llash | 1 |  |  |  |  |  |  |
| 22-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 23-dаrs | Matematik formulalar bilan ishlash | 1 |  |  |  |  |  |  |
| 24-dаrs | **Nazorat ishi** | 1 |  |  |  |  |  |  |
| 25-dаrs | Diagramma va grafiklarni hosil qilish | 1 |  |  |  |  |  |  |
| 26-dаrs | Diagramma va grafiklarni tahrirlash | 1 |  |  |  |  |  |  |
| **IV chorak** |
| 27-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 28-dаrs | Ma’lumotlarni tartiblash | 1 |  |  |  |  |  |  |
| 29-dаrs | Ma’lumotlarni saralash | 1 |  |  |  |  |  |  |
| 30-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 31-dаrs | Elektron jadvalda mantiq elementlarni qo‘llash  | 1 |  |  |  |  |  |  |
| 32-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 33-dаrs | **Nazorat ishi** | 1 |  |  |  |  |  |  |
| 34-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |

**9-SINF “INFORMATIKA” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 2 soatdan, jami 68 soat)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **A** | **B** | **A** | **B** |
| **I chorak** |
| **I BOB. ALGORITMLASH ASOSLARI** |
| 1-dаrs | Masalalarni kompyuterda yechish bosqichlari | 1 |  |  |  |  |  |  |
| 2-dаrs | Modelning turlari | 1 |  |  |  |  |  |  |
| 3-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 4-dаrs | Algoritm tushunchasi | 1 |  |  |  |  |  |  |
| 5-dаrs | Algoritmning asosiy hossalari | 1 |  |  |  |  |  |  |
| 6-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 7-dаrs | Algoritmni tasvirlash usullari | 1 |  |  |  |  |  |  |
| 8-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 9-dаrs | Algoritmning turlari | 1 |  |  |  |  |  |  |
| 10-dаrs | Takrorlashga doir topshiriqlar | 1 |  |  |  |  |  |  |
| 11-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| **II BOB. DASTURLASH ASOSLARI** |
| 12-dаrs | Dastur va dasturlash tillari | 1 |  |  |  |  |  |  |
| 13-dаrs | Turbo Pascal 7.0 integrallashgan muhiti | 1 |  |  |  |  |  |  |
| 14-dаrs | Paskal dasturlash tili alifbosi va tuzilishi | 1 |  |  |  |  |  |  |
| 15-dаrs | O‘zgarmas va o‘zgaruvchi miqdorlar | 1 |  |  |  |  |  |  |
| 16-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 17-dаrs | Jadval ko‘rinishidagi miqdorlar | 1 |  |  |  |  |  |  |
| 18-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| **II chorak** |
| 19-dаrs | Standart funksiyalar va algebraik ifodalar | 1 |  |  |  |  |  |  |
| 20-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 21-dаrs | O‘zlashtirish va ma’lumotlarni ekranga chiqarish operatorlari | 1 |  |  |  |  |  |  |
| 22-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 23-dаrs | Ma’lumotlarni hotiraga muloqot usulida kiritish operatori | 1 |  |  |  |  |  |  |
| 24-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 25-dаrs | Matn holatida ekran bilan ishlash operatorlari | 1 |  |  |  |  |  |  |
| 26-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 27-dаrs | Chiziqli dasturlar tuzish | 1 |  |  |  |  |  |  |
| 28-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 29-dаrs | O’tish va tarmoqlanish operatorlari | 1 |  |  |  |  |  |  |
| 30-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 31-dаrs | Tarmoqlanuvchi strukturali dasturlar tuzish | 1 |  |  |  |  |  |  |
| 32-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| **III chorak** |
| 33-dаrs | Parametrli takrorlash operatori | 1 |  |  |  |  |  |  |
| 34-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 35-dаrs | Shart bo‘yicha takrorlash operatorlari | 1 |  |  |  |  |  |  |
| 36-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 37-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| 38-dаrs | Belgili va satrli miqdorlar bilan ishlash | 1 |  |  |  |  |  |  |
| 39-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 40-dаrs | Paskalda ekranni grafik holatga o‘tkazish | 1 |  |  |  |  |  |  |
| 41-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 42-dаrs | Paskalning shakllar chizish imkoniyatlari | 1 |  |  |  |  |  |  |
| 43-dаrs | Takrorlash darsi. | 1 |  |  |  |  |  |  |
| 44-dаrs | Fayllar bilan ishlash | 1 |  |  |  |  |  |  |
| 45-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 46-dаrs | Protsedura va funksiyalar | 1 |  |  |  |  |  |  |
| 47-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |
| 48-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 49-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| **III BOB. WEB-SAHIFA TAYYORLASH** |
| 50-dаrs | HTML haqida tushuncha | 1 |  |  |  |  |  |  |
| 51-dаrs | Web-sahifaga matn kiritish | 1 |  |  |  |  |  |  |
| 52-dаrs | Amaliy mashg‘ulot  | 1 |  |  |  |  |  |  |
| **IV chorak** |
| 53-dаrs | Shrift o‘lchami, rangi va web-sahifa foni | 1 |  |  |  |  |  |  |
| 54-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 55-dаrs | Web-sahifada grafika | 1 |  |  |  |  |  |  |
| 56-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 57-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| 58-dаrs | Web-sahifaga ro‘yxat joylashtirish | 1 |  |  |  |  |  |  |
| 59-dаrs | Web-sahifaga jadval joylashtirish | 1 |  |  |  |  |  |  |
| 60-dаrs | Amaliy mashg‘ulot  | 1 |  |  |  |  |  |  |
| 61-dаrs | Web-sahifada “o‘tish” (gipermurojaat) | 1 |  |  |  |  |  |  |
| 62-dаrs | Formalar | 1 |  |  |  |  |  |  |
| 63-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 64-dаrs | Interaktiv web-saytlar | 1 |  |  |  |  |  |  |
| 65-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 66-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 67-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| 68-dаrs | Takrorlash darsi | 1 |  |  |  |  |  |  |

**10-SINF “INFORMATIKA VA AXBOROT TEXNOLOGIYALARI” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 2 soatdan, jami 68 soat)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **I chorak** |
| **I BOB. MS EXCEL 2010 DA AMALLAR VA FORMULALAR** |
| 1-dаrs | Sodda ifodalarni hisoblash | 1 |  |  |  |  |
| 2-dаrs | Katakka murojaat: nisbiy, absolyut va aralash murojaat | 1 |  |  |  |  |
| 3-dаrs | Murojaatdan foydalanib amal bajarishda nusxalashning afzalligi | 1 |  |  |  |  |
| 4-dаrs | Sodda va murakkab funksiyalarning grafiklari  | 1 |  |  |  |  |
| 5-dаrs | Boshqa varaq yoki kitobga murojaat | 1 |  |  |  |  |
| 6-dаrs | MS Excelning funksiyalar kutubxonasi  | 1 |  |  |  |  |
| 7-dаrs | Funksiya argumenti oynasi | 1 |  |  |  |  |
| 8-dаrs | Formulalar satridan foydalanish | 1 |  |  |  |  |
| 9-dаrs | Matnli funksiyalar | 1 |  |  |  |  |
| 10-dаrs | Mantiqiy funksiyalar | 1 |  |  |  |  |
| 11-dаrs | Mustahkamlash uchun amaliy mashgulot | 1 |  |  |  |  |
| 12-dаrs | Nazorat ishi | 1 |  |  |  |  |
| 13-dаrs | Matematik funksiyalar | 1 |  |  |  |  |
| 14-dаrs | Ko‘paytma hisoblashga oid funksiyalar | 1 |  |  |  |  |
| 15-dаrs | Statistik funksiyalar | 1 |  |  |  |  |
| 16-dаrs | Mustahkamlash uchun amaliy mashg’ulot | 1 |  |  |  |  |
| 17-dаrs | MS Excel yordamida ba’zi masalalarni yechish | 1 |  |  |  |  |
| 18-dаrs | Nazorat ishi | 1 |  |  |  |  |
| **II chorak** |
| 19-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| **II BOB. MA’LUMOTLAR OMBORI** |
| 20-dаrs | Ma’lumotlar ombori haqida tushuncha | 1 |  |  |  |  |
| 21-dаrs | Ma’lumotlar omborini boshqarish tizimlari | 1 |  |  |  |  |
| 22-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 23-dаrs | MS Access 2010 dasturining asosiy elementlari va maydonlar xususiyati | 1 |  |  |  |  |
| 24-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 25-dаrs | MS Access dasturida ma’lumotlar omborini tashkil etish | 1 |  |  |  |  |
| 26-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 27-dаrs | MS Access 2010 dasturida jadvallarni o’zaro bog’lash | 1 |  |  |  |  |
| 28-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 29-dаrs | MS Access 2010 dasturida ma’lumotlarni berilgan shablon bo’yicha izlash va qayta ishlash | 1 |  |  |  |  |
| 30-dаrs | MS Access 2010 dasturida ma’lumotlar omborini hosil qilish va tahrirlashda formalardan foydalanish | 1 |  |  |  |  |
| 31-dаrs | Nazorat ishi | 1 |  |  |  |  |
| 32-dаrs | MS Access 2010 dasturida matematik amallarni bajarish | 1 |  |  |  |  |
| **III chorak** |
| 33-dаrs | Takrorlashga doir topshiriqlar | 1 |  |  |  |  |
| 34-dаrs | Nazorat ishi | 1 |  |  |  |  |
| **III BOB. DELPHI MUHITIDA ILOVALAR YARATISH** |
| 35-dаrs | Ilovalar yaratishning zamonaviy usullari | 1 |  |  |  |  |
| 36-dаrs | Delphi dasturlash muhiti | 1 |  |  |  |  |
| 37-dаrs | Ilova va uning oynasi | 1 |  |  |  |  |
| 38-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 39-dаrs | Boshqarish tugmasi | 1 |  |  |  |  |
| 40-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 41-dаrs | Showmessage oynasi | 1 |  |  |  |  |
| 42-dаrs | Nazorat ishi | 1 |  |  |  |  |
| 43-dаrs | Ilova oynasiga ma’lumot joylash | 1 |  |  |  |  |
| 44-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 45-dаrs | Boshqarish ob’ektlarining faolligi va ko’rinmasligi | 1 |  |  |  |  |
| 46-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 47-dаrs | Ilovaga ma’lumotlar kiritish | 1 |  |  |  |  |
| 48-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 49-dаrs | Ma’lumot turini o’zgartirish | 1 |  |  |  |  |
| 50-dаrs | Nazorat ishi | 1 |  |  |  |  |
| 51-dаrs | Ilovada bayroqchalardan foydalanish | 1 |  |  |  |  |
| 52-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| **IV chorak** |
| 53-dаrs | Ilovada radio tugmalar guruhidan foydalanish | 1 |  |  |  |  |
| 54-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 55-dаrs | Listbox va combobox ob’ektlari | 1 |  |  |  |  |
| 56-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 57-dаrs | Memo boshqarish ob’ekti | 1 |  |  |  |  |
| 58-dаrs | Nazorat ishi | 1 |  |  |  |  |
| 59-dаrs | Delphida grafika bilan ishlash | 1 |  |  |  |  |
| 60-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 61-dаrs | Timer ob’ekti va undan foydalanish | 1 |  |  |  |  |
| 62-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 63-dаrs | Rasmga boshqa ob’ektlarni joylash | 1 |  |  |  |  |
| 64-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 65-dаrs | Grafik va animatsion ilovalarga misollar | 1 |  |  |  |  |
| 66-dаrs | Amaliy mashg’ulot | 1 |  |  |  |  |
| 67-dаrs | Nazorat ishi | 1 |  |  |  |  |
| 68-dаrs | Takrorlash uchun savollar | 1 |  |  |  |  |

**11-SINF “INFORMATIKA VA AXBOROT TEXNOLOGIYALARI” FANIDAN 2018-2019 O’QUV YILI UCHUN
YILLIK TAQVIMIY-MAVZUIY ISH REJA**

**(haftasiga 1 soatdan, jami 34 soat)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dars soati** | **Bob va mavzular** | **Soati** | **Kalendar vaqti** | **Bajarilgan vaqti** | **Uyga vazifa** | **Izox** |
| **I chorak** |
| **I BOB. KOMPYUTER GRAFIKASI** |
| 1-dаrs | Garfik obyektlar va ularning kompyuterda tasvirlanish usullari  | 1 |  |  |  |  |  |  |
| 2-dаrs | Ikki va uch o’lchamli kompyuter grafikasi turlari | 1 |  |  |  |  |  |  |
| 3-dаrs | Photoshop – rastrli grafik muharririda ishlash asoslari. Photoshop interfeysi. | 1 |  |  |  |  |  |  |
| 4-dаrs | Photoshopning uskunalar paneli va palitralari | 1 |  |  |  |  |  |  |
| 5-dаrs | Photoshopda grafik obyekt fayllari bilan ishlash | 1 |  |  |  |  |  |  |
| 6-dаrs | Photoshopda tasvirning geometrik shakl ko’rinishdagi qismlarini ajratib olish | 1 |  |  |  |  |  |  |
| 7-dаrs | Tasvir bo’lagini ajratib olishning boshqa usullari | 1 |  |  |  |  |  |  |
| 8-dаrs | Tasvirlarni kadrlash va ularda shakl almashtirish amallarini bajarish | 1 |  |  |  |  |  |  |
| 9-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| **II chorak** |
| 10-dаrs | Photoshopda qatlamlar va ulardan foydalanish | 1 |  |  |  |  |  |  |
| 11-dаrs | Photoshopda rang tizimlari | 1 |  |  |  |  |  |  |
| 12-dаrs | Photoshopda ranglar bilan ishlash | 1 |  |  |  |  |  |  |
| 13-dаrs | Kanallar va filtrlar haqida ma’lumot | 1 |  |  |  |  |  |  |
| 14-dаrs | Mo’yqalam va qalam bilan ishlash | 1 |  |  |  |  |  |  |
| 15-dаrs | Tasvirga geometrik shakllarni va vektorli obyektlarni joylash | 1 |  |  |  |  |  |  |
| 16-dаrs | Tasvirga matn joylashtirish | 1 |  |  |  |  |  |  |
| **III chorak** |
| 17-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| **II BOB. WEB-DIZAYN ASOSLARI** |
| 18-dаrs | Web-sahifa, web-sayt va web-dizayn tushunchalari | 1 |  |  |  |  |  |  |
| 19-dаrs | Web-dizayn va uning dasturiy ta’minoti. Macromedia Flash dasturi yordamida web-sahifa yaratish va bezash | 1 |  |  |  |  |  |  |
| 20-dаrs | Web-sahifalarga rasmli, grafikli ma‘llumotlarni joylashtirish va bezash | 1 |  |  |  |  |  |  |
| 21-dаrs | Web-sahifalarda formalar yaratish va bezash | 1 |  |  |  |  |  |  |
| 22-dаrs | Web-sahifalarda animatsiyalar va ularni o‘rnatish  | 1 |  |  |  |  |  |  |
| 23-dаrs | Amaliy mashg‘ulot | 1 |  |  |  |  |  |  |
| 24-dаrs | Tovushli ma’lumotlar va ular bilan ishlash | 1 |  |  |  |  |  |  |
| 25-dаrs | Web-sahifalar orasida aloqalarni o‘rnatish imkoniyatlari | 1 |  |  |  |  |  |  |
| 26-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |
| **IV chorak** |
| **III BOB. AXBOROT TIZIMLARI XAVFSIZLIGI** |
| 27-dаrs | Axborot xavfsizligi tushunchasi va samaradorligi ko‘rsatkichlari | 1 |  |  |  |  |  |  |
| 28-dаrs | Axborot xavzsizligi muammolari. Axborotlarni himoyalashning tarkibiy qismlari va usullari | 1 |  |  |  |  |  |  |
| 29-dаrs | Mintaqaviy va global kompyuter tarmog‘i va uni himoyalash | 1 |  |  |  |  |  |  |
| 30-dаrs | Internetda saqlanayotgan axborot manbaalarining xavfsizligi muammolari | 1 |  |  |  |  |  |  |
| 31-dаrs | Elektron hukumat | 1 |  |  |  |  |  |  |
| 32-dаrs | Elektron pochta xizmati tuzilmasi | 1 |  |  |  |  |  |  |
| 33-dаrs | Kompyuter viruslari va virusdan himoyalash usullari | 1 |  |  |  |  |  |  |
| 34-dаrs | Nazorat ishi | 1 |  |  |  |  |  |  |